

```

# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
----- Co-editors -----
- Voice stations: Chris Smolinski <cps@access.digex.net> -
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

```

-::: N&O #15 :::-

Hello everyone. This month we have a guest writer, Bob Margolis, who wrote a review about the two ENIGMA booklets.

AC took care of the logs this month and it looks like we have a new editor next month. Keep your fingers crossed :-)

Chris' on-line numbers database works fine and includes well over 8000 records now. Great job Chris, and thanks everyone for filling it. Because many people also want to play around with the data without being on-line, I converted the database to Access97 format and uploaded it to the 'Numbers & Oddities home page'. I will try to update the Access database with the latest info from the on-line version at least once a month.

::: N&O home page:
<http://home.luna.nl/~ary/>
<http://www.geocities.com:80/CapeCanaveral/Station/5847/index.htm>

::: On-line numbers database:
<http://www.blackcatsystems.com/numbersDB/>

::: Spooks newsletter (HTML version of N&O)
<http://www.rtcom.us-inc.com/nsnl/index.shtml>

::: a new numbers website just opened its doors at
<http://home.freeuk.com/spook007/>
 this site has a number of RealAudio files on-line

-o-o-o-o-o-o-o-o-o-o-

||||| PRODUCTS and BOOKS Review |||||

```

  /  ~~~  \
 /  |  '  \
(    )      0
 \_/_ , , ---'

```

```

-----
Editor.....Bob Margolis
136 East Woodland Road

```

```

==== // Lake Forest, IL 60045-1729
/ \-'~; /~~~(0)
/ _~/~| / | rttyman@wwa.com
=( _ _ _ _ _ | ( _ _ _ _ _ _ _ _ _ _ |

```

ENIGMA's Numbers Stations Booklet in two parts, photocopied on A4-size paper. E.N.I.G.M.A., 17-21 Chapel Street, Bradford, West Yorkshire, BD1 5DT England. Both parts combined for five British Pounds, including postage, inside the United Kingdom, seven GBP outside the U.K., and U.S. \$15.00 to America and Canada.

=====

ENIGMA (European numbers Information Gathering & Monitoring Association) is an organization devoted to monitoring and learning details about the so-called "numbers stations" that are heard over shortwave radio. It was formed in 1992 and has more than 300 members in 30 countries

Its two-part booklet is intended for use by subscribers to ENIGMA's newsletters, but they are just as useful to nonsubscribers who also want to probe the mysteries of the numbers stations.

[Part One, published November 1998]

If you're one of the many listeners who is fascinated with the large variety of shortwave radio numbers stations, then this booklet is definitely worth having, as it provides a detailed examination as to what can be heard today. The booklet doesn't go into the histories of the stations, thus setting an active tone rather than a passive one. "The aim of this booklet is for it to be the definitive identification guide... so that monitors will be more able to predict and locate transmissions," it is stated in the Introduction to Part One of the booklet.

Leading off the informational tour is a glossary of terms used in discussions about numbers stations. Then the reader learns what numbers stations are, their modes of transmissions, and how to identify, analyse and log them. Each station's format is described from beginning of transmission to the end, and how it is different from other numbers stations.

Various types of broadcast schedules along with choices of frequencies are discussed next. It is noted that, "Many European-only stations rarely venture above 7MHz," which explains why so little of the traffic heard by listeners in Europe reaches the shores of the Western Hemisphere. Stations that are heard worldwide, such as the so-called "Lincolnshire Poacher" station, named for the old English folk song that is used as its signature tune, is due to "the

large well-known agencies which tend to use the higher frequencies; this reflects their worldwide interests," the booklet states.

The meat and potatoes of Part One follows with all the known types of transmissions arranged by family groups and ENIGMA's reference number for each one.

Morse Code is presented next, followed by operators' procedural codes and the four types of cut numbers Morse Code stations that are commonly heard.

A detailed list of frequencies ends the 58-page document. The frequencies listed were recorded during a 10-year period.

[Part Two, published June 1999]

This part, consisting of 40 pages, goes into more specifics about numbers stations so that the listener can positively identify them. Explained are the stations' formats and methods of operation.

Not covered are the 6XM8/C37A and FAPSI network stations because "these are intended for use with teleprinter terminals, and therefore not intended for "agents in the field," the Introduction to Part Two states. The only non-Morse or non-voice mode covered is Polytone, the Introduction explains, which is intended for intended for field agents. Also not represented are borderline stations that do not fit the usual numbers stations' patterns.

Details of some of the languages used by numbers stations are given, with numbers one through nine, plus zero, in English, German, Spanish, Czech, Slovak, Slovenian, Serbo-Croat, Polish, Romanian, Hungarian, Bulgarian, Russian, French, and others. The listener will be able to tell what language he's hearing with the aid of these helpful listings.

Order information is presented at the top of this review. Payments may be made by Sterling or U.S. dollars cash, or Eurochecks, AMEX checks (in Sterling), U.K. checks, or postal money orders made payable to "ENIGMA."

Before sealing that envelope, you might consider joining the association. This would entitle you to four issues of the ENIGMA newsletter and you could become a contributor to it. The cost is 6 British pounds for delivery inside the U.K. and 10 for airmail postage elsewhere. Cash and checks are acceptable as indicated for the booklet order.

-0-0-0-0-0-0-0-0-0-0-

* CZECH TRANSMITTING SITES *

Rimantas Pleikys <riplei@rc.lrs.lt> forwarded a list of shortwave transmitting sites near Prague as described by a Czech friend of his.

DREVCICE, 10 km North/North-East from Prague - "unknown facility, perhaps for some military use"; at least 1 log-periodic and a few dipole antennas;

ZELENEC, 7 km North-East from Prague - "top secret centre equipped with log-periodic antennas, H-[T-?] dipoles and rhombics, belonging to the ministry of Foreign affairs";

HRADESIN, 12 km East/South East from Prague - "a mystery centre from which originate countings (50, 51, 52, ...59) on 1122 kHz; God knows what station it is".

Any comments and/or further info anyone?

-o-o-o-o-o-o-o-o-o-o-

* VOICE STATIONS *

::: Hans-Friedrich's monthly G04 analysis.

06.06.99 2005Z 5.720 kHz
2035Z 5.620 kHz

Message : 62158 95458 30120 75215 95457 30258 96545 75214 78545 96545
12014 54547 95458 32125 78545 96545 75454 96320 42112 20258
62111 32125 84589 99658 95458

= 25 groups

Analysis: Frequent groups : 32125 2x
78545 2x
95458 3x
96545 3x

First two figures :	Last three figures:
12014	12014
20258	62111
30120	42112
258	30120
32125 2x	32125 2x
42112	62158
54547	75214
62111	75215
158	20258
75214	30
215	96320

454
 78545 2x
 84589
 95457
 458 3x
 96320
 545 3x
 99658

75454
 95457
 95458 3x
 78545 2x
 96 3x
 54547
 84589
 99658

History : Sommer 2005 2035
 Winter 2105 2135

 01/96 3227 3127
 02/96 3409 3309
 03/96 3419 3319
 04/96 4581 4481
 05/96 4165 4065
 06/96 4340 4240
 07/96 3935 3835
 08/96 4165 4065
 09/96 3930 3830
 10/96 3280 3180
 11/96 3270 3170
 12/96 3285 3185
 01/97 3230 3130
 02/97 3245 3145
 03/97 3275 3175
 04/97 3936 3836
 05/97 4245 4145
 06/97 4376 4276
 07/97 3930 3830
 08/97 3935 3835
 09/97 3915 3815
 10/97 3315 3215
 11/97 3265 3165
 12/97 3255 3155
 01/98 3255 3155
 02/98 3265 3165
 03/98 4435 4335
 04/98 4745 4645
 05/98 5410 5310
 06/98 5730 5630
 07/98 5840 5740
 08/98 5755 5655
 09/98 5310 5210
 10/98 4685 4585
 11/98 3940 3840
 12/98 3380 3280

01/99	3415	3315
02/99	3905	3805
03/99	4520	4420
04/99	5310	5210
05/99	5570	5470
06/99	5720	5620

::: V7 schedules

Tuesdays & Thursdays; 0600z, 0620z & 0640z.

Jan	9072	10472	11772
Feb	10656	11556	13456
Mar	11602	12202	13902
Apr	11107	12207	13407
May	10713	12213	13513
Jun	11149	12149	13849
Jul	11461	12061	13361
Aug	11166	12066	13366
Sep	11542	12142	13442
Oct	11487	13387	14487
Nov	10233	12133	13533
Dec	9052	10252	11452

source: Andy Bell <andy.bell@sabwabco.co.uk>

::: ENGLISH MAN [E07]

Hans-Friedrich browsed thru the N&O logs to see if he could come up with a schedule for E07, and he did!

Here are the logs:

10275	Sat	(121998)	1345	AM	Sked	624	Null msg format (DR)
5107	Wed	(122398)	2121	AM	Sked	915	key 608 gc 46 (DR)
4559	Wed	(122398)	2141	AM	Sked	915	key 608 gc 46 (DR)
5108	Mon	(122898)	2121	AM	Sked	915	key 609 gc 64 (DR)
4558	Mon	(122898)	2141	AM	Sked	915	key 609 gc 64 (DR)
6947	Tue	(122998)	1833	AM	Sked	697	Null msg format (VM)
5107	Wed	(123098)	2121	AM	Sked	915	key 609 gc 64 (DR)
4558	Wed	(123098)	2140	AM	Sked	915	key 609 gc 64 (DR)
5166	Mon	(010499)	2110	AM	Sked	916	Null msg format (DR)
5267	Mon	(032999)	2122	AM	Sked	825	key 610 gc 53 (DR)
4559	Mon	(032999)	2141	AM	Sked	825	key 610 gc 53 (DR)
9982	Mon	(042699)	2002	AM	Sked	919	Null msg format (DR)
8189	Mon	(042699)	2010	AM	Sked	919	Null msg format (DR)
12178	Mon	(051799)	2003	AM	Sked	172	Null msg format (DR)
10774	Mon	(051799)	2011	AM	Sked	172	Null msg format (DR)

As you can see there's a fixed sked on Monday and Wednesday evening:

5107 Wed (122398) 2121 AM Sked 915 key 608 gc 46 (DR)
4559 Wed (122398) 2141 AM Sked 915 key 608 gc 46 (DR)
5108 Mon (122898) 2121 AM Sked 915 key 609 gc 64 (DR)
4558 Mon (122898) 2141 AM Sked 915 key 609 gc 64 (DR)
5107 Wed (123098) 2121 AM Sked 915 key 609 gc 64 (DR)
4558 Wed (123098) 2140 AM Sked 915 key 609 gc 64 (DR)

5166 Mon (010499) 2110 AM Sked 916 Null msg format (DR)

5267 Mon (032999) 2122 AM Sked 825 key 610 gc 53 (DR)
4559 Mon (032999) 2141 AM Sked 825 key 610 gc 53 (DR)

9982 Mon (042699) 2002 AM Sked 919 Null msg format (DR)
8189 Mon (042699) 2010 AM Sked 919 Null msg format (DR)

12178 Mon (051799) 2003 AM Sked 172 Null msg format (DR)
10774 Mon (051799) 2011 AM Sked 172 Null msg format (DR)

It seems that E07 has the same habit like V07 and XPH

Winter time: 2100/2120/2140 with msg
 2100/2110 with Null msg

Summer time: 2000/2020/2040 with msg (?)
 2000/2010 with Null msg

Change of Winter to Summer in April, not on last Sunday in March.

The last two digits aren't equal (07/59 in December, 67/59 in March, 82/89 in April, 78/74 in May), but the third digits of the frequencies determine the sked number (or the sked number determines the third digits):

9	9	8	9 9 82	12 1 78
5 1 07	5 1 66	5 2 67	8 1 89	10 7 74
4 5 59	6	4 5 59	9	2
^	^	^	^	^

Thanks a lot, Hans-Friedrich. This makes it again -VERY- clear why a numbers database is so important.

::: UNID ENGLISH MAN

John Maky <jcmaky@ipa.net> checks in with an interesting note. Here is report:

'At 0100 on 6867 I caught the tail end of a M14 broadcast. I checked back at 0130 to see if there would be a repeat, and on 6866 a LIVE OM in English with a Russian accent was repeating 989 then 271 271 38 38 and into 5FGx2. Pronounced Zero as Zee-o, Four as Foe-are, and Five as Fiiiive. Sometimes let several seconds go by between groups. Audio went down at 0041 with 271 271 38 38 00000.

At 0153, the carrier moved back up to 6867 again with tests - this time using the familiar YL "hermaphrodite" voice repeating 538 periodically. At 0200, YL in English repeating 538 538 538 00000 until 0003.

At 0220, a strange "burst" digital mode came up on the carrier which sends data streams for a few seconds.'

Great log, John. This sounds a bit like the reports that we received a couple of months ago about English Man transmissions that were followed by a few words in CW and data bursts. Maybe it is the same station.

-0-0-0-0-0-0-0-0-0-0-

* RTTY STATIONS *

::: FAPSI intercepts

Freq.	UTC	link	msg to
-----	----	-----	-----
11460.4	1633	60047	
13371	1750	00190	POU
14980	1310	00070	RAU
15904	1132	70004	
16023	1412	00126	PSN
16129	0833	M4W Israeli intelligence to RK2 Moscow	
16277.3	1554	60069	
16302	0930	00079	
17460	0930	10075	
17473	0940	10163	
17475	0840	80038	RPO
17534	0910	30088	
18209.9	1607	00149	DZR
18247	0950	10075	
18332	0820	10042	
18410	0900	40078	
19415	1010	50002	CAZ
20277	0630	00098	VTX
23129.9	0709	60060	

Has anyone logged the broadcasts to KUL and VKX during the past few

months? It looks like these oldtimers have disappeared completely.

-o-o-o-o-o-o-o-o-o-o-

* LOGS SECTION *

2136 Slavic YL 0700 GMT every weekends, 9 tones call up+ no.s 20-29,
ended at 7.05 GMT [larsen]
2136 Unid every weekends at 0700 YL/CZ numbers 50-59. //1122 at
H=10-12 & H+40-42 (xmt Ea of Prag)[al]
2195 Unid 26.05.1999 05:08 AM YL/EE msg HPLCHMA [ds]
3025 M8a Sat 06191999 1000CW Too weak to copy!! [ms]
3150 E10 Wed 1999-06-23 2230 USB GG PCD
3245 Atencion/V2a 0200 Sun 5/30/99 YL/SS rptg A 51501 52191 38312
5FG. (JM4)
3245 1999-06-06 0200-0000 AM V2a rptg 51503 52192 52651 (JM4)
3245 V2a Sun 06061999 0200 AM rptg 51503 52192 52651 (JM4)
3245 V2a Sun 03281999 0200 AM static QRM (JM4)
3245 V2a Sun 1999-06-27 200 AMrptg 44263 8__52 __541. Weak
3270 E10 Thu 1999-06-24 2219 USB GG ???2
3270 E10 Sat 1999-06-26 115 USB GG KPA2
3292 Atencion/V2a 0200 Tue 6/1/99 YL/SS rptg A 51502 95851 38313
5FGx2. (JM4)
3292 V2a Tue 06081999 0200 AM in progress. (JM4)
3292 V2a Tue 06151999 0200 AM YL/SS rptg Atencion 81023 95853
76571; but cf JM4 logging (GMH)
3292 Atencion/V2a 0200 Tue 6/22/99 YL/SS rptg A 44262 22651
56553 5FG. (JM4)
3292 V2a Tue 1999-06-22 200 AMrptg 44262 22651 56553
3295 Unid 25.05.1999 17:29 AM Male/Arabic msg in arabic
(numbers?) [ds]
3389 Atencion/V2a 0100 Tue 6/1/99 YL/SS rptg A 51502 95851 38313
5FG. (JM4)
3389 V2a Tue 06081999 0100 AM rptg 81021 95852 52652 (JM4)
3389 V2a Tue 06151999 0100 AM YL/SS rptg Atencion 810_3 95853 76571;
nb ID 3 copied differently from JM4 (GMH)
3389 Atencion/V2a 0100 Tue 6/22/99 YL/SS rptg A 44262 22651 56553
5FG. (JM4)
3389 V2a Tue 1999-06-22 0100 AMrptg 44262 22651 56553
3410 M17, 1900Z, 052699, 80382 28 (hfd)
3410 M17, 1900Z, 052699, 80382 28 (hfd)
3410 M17 Thu 1999-02-25 2130 CW 66230 28 28 = [cs]
3410 M17 Wed 1999-02-24 2000 CW 70099 24 24 = [cs]
3485 E10 Sat 1999-06-26 0045 USB GG CI02
3485 E10 Sat 1999-06-26 0145 USB GG CI02
3710 Mossad 24.05.1999 UTC 21:31AM YL/EE msg 8LG [ds]
3790 Mossad 24.05.1999UTC 21:41AM YL/EE msg 7LG [ds]
3790 Mossad 24.05.1999 UTC 21:41AM YL/EE msg 7LG [ds]

3819 M76 Sun 1999-02-28 1750 CW I=FB2w de 3bcn Qtc 24 35 = cs]
3819 M76 Sat 1999-02-27 1750 CW Mqu=E2 De 9gv2 Qtc 22 29 =[cs]
3819 M76 Fri 1999-02-26 1750 CW o1ps De 82f1 Qtc 20 31 =cs]
3819 M76 Thu 1999-02-25 1750 CW K6ma De 64oe Qtc 18 21 =cs]
3819 M76 Wed 1999-02-24 1750 CW 7k4d De Lub3 Qtc 16 27 =cs]
3819 M76 Tue 1999-02-23 1750 CW Nmtk De =E283o Qtc 14 29 =[cs]
3819 M76 Wed 1999-09-22 1750 CW 3vxu De Htqg Qtc 12 21 =[cs]
3819 M76 Sun 1999-02-21 1751CW 95l=FB De =FB9e7 Qtc 10 23 = cs]
3840 Unid 07.06.1999 20:40 AM female english Msg:EEPEPZWB [ds]
3840 E10 Thu 1999-06-24 2230 USB YHF
3840 E10 Wed 1999-06-23 2200 ??? YHF
3840 E10 Thu 1999-06-24 0000 USB YHF2
3910 M17, 1920Z, 052699, 80382 28, repeat of 1900 (hfd)
3910 M17, 1920Z, 052699, 80382 28, repeat of 1900 (hfd)
3926 M8a Mon 1997-12-29 1000 CW ID 27672 96603 06542 [ms]
3926 M8a Sun 1998-02-15 1000 CW ID 14673 21311 48301
3927 Atencion/V2a 0100 Sun 5/30/99 YL/SS rptg A 51501 52191 38312
5FG. (JM4)
4016 M8a Sat 06191999 0300 CW ID 45433 08053 42821 - rpt of
0200Z on 5419 [ms]
4016 M8a Mon 1997-12-29 1004 CW ID ----- 57992 18213[ms]
4016.5 M8a Mon 06071999 0300 CW in progress (JM4)
4016.5 M8a Sat 06121999 0300 CW rptg DWDIN DURGN ANTNA (JM4)
4016.5 M8a Mon 1999-06-28 300 CWrptg IDINA WGAUN ADRGN
4025 M45 Thu 1999-02-25 1802 CW 525 451 451 32 32 = = [cs]
4025 M45 Tue 1999-02-23 1802 CW 525 451 451 32 32 = =[cs]
4027 M8 Tue 06081999 0626 CW Cuban CW cut # stn w/ 5F msgts]
4027 M8a Sun 1997-09-14 300 CW id ----- - IN PROG. [ms]
4027 M8a Sun 1998-02-15 310 CW id ----- 70823 ----- - (IN PROG.)
4027.5 M8a Fri 03191999 0300 CW in progress (JM4)
4028 V2a Fri 06111999 0500 AM rptg 16459 02451 36401 (JM4)
4028 M10 Wed 1999-02-24 2100 CW 555x3 249x3 79 071x3 35[cs]
4028 M8a Sat 1997-09-13 1100 CW id 44842 25412 06442 [ms]
4028 V2a Mon 1997-12-29 1004 AM ID ----- 84423 67063 - YL/SS [ms]
4028 V2a Mon 1997-12-29 1100 AM id 86033 84423 67063 - rpt of
1004Z on 4028 - YL/SS[ms]
4028 V2 Mon 1999-06-28 603 AM Cuban YL/SS w/ 3 5F msgs
4034 M8a Sat 06191999 0400 CW ID 96451 79883 67443 - rpt of 0300Z
on 4478 [ms]
4034.5 M8a Sat 06121999 0400 CW rptg RAITD WUMND RIUMN (JM4)
4035 V2a Mon 03291999 0300 AM rptg 09513 25661 08603 (JM4)
4035 V2a Sat 06191999 1004 AM ID ? 16879 66882 - YL/SS [ms]
4035 V2a Sat 1997-09-13 1000 AM id ----- 97012 39111 - YL/SS[ms]
4035 V2a Tue 1998-02-03 1100 AM id 64631 45952 11291 - YL/SS -
rpt of 1000Z on 4174[ms]
4035 V2a Sat 1998-02-14 1000 AM id 34001 87451 95732 - YL/SS[ms]
4071 04.06.1999 UTC 01:45AM Female/EE msg AFHFTHE [ds]
4071 Unid04.06.199901:45 AM YL/EE msg AFHFTHE [ds]

4172 M8a Sun 1997-12-28 1116 CW id ----- 18212 -----ms]
4173 M8a Tue 1998-02-03 1111 CW id ----- 53551 45502 [ms]
4174 V2a Mon 03221999 0300 AM rptg 09512 94102 08302 (JM4)
4174 V2a Mon 03291999 0300 AM rptg 09513 25661 08603 (JM4)
4174 V2a Tue 1998-02-03 1000 AM id 64631 45952 11291 - YL/SS [ms]
4174 V2 1999-05-27 0708- AM Cuban YL/SS w/ 5F msg [ts]
4180 M3 Sun 1999-02-28 1630 CW 287 00[cs]
4180 M3 Wed 1999-09-22 1630CW 287 00 Repeat Daily[cs]
4180 M3 Sun 1999-02-21 1630 CW 287 00[cs]
4220 Mossad 24.05.1999UTC msg : LG
4220 Mossad 24.05.1999 21:50 AM YL/EE Msg FEVEEE[ds]
4230 Mossad 24.05.1999 21:55 AM YL/EE Msg RR... The sig stpped,
someone answ back on LSB ,after many minYL started to talk
again...[ds]
4270 Unid 08.06.1999 20:02 AM female english Msg:PCB, PCB[ds]
4270 Unid 08.06.1999 20:04 AM female english Msg:FTJ2, FTJ2 [ds]
4270 E10 Thu 1999-06-24 2230 USB GG PCD 78 MJAKR
4270 E10 Wed 1999-06-23 2230 USB GG PCD
4329 V2a Wed 06091999 0420 AM late start w/o call-up (JM4)
4329 V2a Wed 06161999 0418 AM YL/SS rptg 5Fgx1 in progress,
msg 3 for 21772 (90101 09234...); rather overmodulated (GMH)
4329 Atencion V2a 0400 06.29.1999 Msg :17202 16479 51421 Curious
delivery-all of the cinco had their attack clipped almost to
nothing.[gmh]
4356 Unid Sat 06051999 0200 AM Strange open carrier with seeming
data bursts. I'd never heard it before.
4360 E10 Sat 1999-06-26 45 USB GG CI02
4360 E10 Sat 1999-06-26 145 USB GG CI02
4460 E10 Mon 06141999 2200 AM barely audible,ID:"FTJ" [ba]
4460 13.06.1999 17:38 UTC AM female english Msg:SATHWB [ds]
4461 13.06.1999 13:48 UTC AM female english Msg:EJPBNBQP [ds]
4461 V2a Sun 06201999 1100 New format, very short pause before
every 5 (cinco) sent. Computer glitch? Or is Fidel stil
splicing tape? [cs]
4461 V2a Sun 1999-06-20 1100 AM very short pause before every 5
(cinco) [cs]
4461 V2A Sun 1999-06-20 1108 AM YL/SS - (QRM HVY AND STN WEAK) [ms]
4461 V2a Sun 1997-12-28 1100 AM id 63621 ----- [ms]
4461 E10 Sat 1999-06-26 0100 USB GG FTJ 13 IMZOA
4461 E10 Thu 1999-06-24 2205 USB in progress
4478 M8a Sat 06191999 0300CW ID 96451 74883 67493 [ms]
4478 M8a Sat 1997-09-13 1100 CW ID 25833 94481 86942[ms]
4478 M8a Tue 1997-12-30 1125 CW ID ----- 98093 [ms]
4478 M8a Sat 1999-06-26 0300 CW ID 42332 22203 63611
4478. M8a Sat 1998-02-28 0302 CW (IN PROGRESS)
4478 M8a Sat 1998-02-28 1100 CW id 43133 15853 37412
4479 V2 1999-05-26 0300- AM YL/SS 5FG in progress (JM4)
4479 V2a Fri 06041999 0400 AM in progress. (JM4)

4479 V2a Wed 06091999 0300 AM false start then 08991 16549 21551 (JM4)
 4479 V2a? Wed 06161999 0300 AM YL/SS rptg numbers faintly (GMH)
 4479 V2a Wed 1999-06-23 0300 AM in progress
 4479.5 M8a Sat 06121999 0300 CW rptg RAITD WUMND RIUMN (JM4)
 4485 M14A Wed 1999-09-22 1900 CW 263 740 88 263 109 55[cs]
 4490 M14A 3F 2/3F 00000, 1900Z, 051099, 263, weak, handgiven (hfd)
 4490 M1 Thu 1999-02-25 2000CW EOM See Mon log [cs]
 4490 M1 Tue 1999-02-23 2000 CW 197 241 241 36 36 = = [cs]
 4505 M1B Fri 1999-02-26 2203CW 419 754 754 43 43 = =cs]
 4506 M8 0300Z WED 052699 (BR)
 4506 M8a Thu 1998-02-05 2300 CW id 47212 06532 92833 - rpt of 2200Z
 on 5761[ms]
 4506 M8a Thu 1998-02-26 100 CW id 08462 -----
 4507 M8a Sat 06191999 1100CW ID 88261 16879 22882 - rpt of 1004Z
 on 4035 [ms]
 4540 G16 Sun 1984-04-15 2100 USB "AM" was used.GG/YL
 4543 G16 Thu 1984-04-12 2100 USB"AM" was used.
 4543 G16 Sat 1984-04-14 2100 USB "AM" was used.GG/YL
 4543 G16 Thu 1984-04-19 2100 USB "AM" was used.GG/YL
 4558 Wed (123098) 2140 AM Sked 915 key 609 gc 64 (DR)
 4559 Mon (032999) 2141 AM Sked 825 key 610 gc 53 (DR)
 4560 E10 Thu 1999-06-24 2230 USB GG YHF
 4605 M14A Fri 1999-02-26 1900CW 560 382 71 560 129 70[cs]
 4613 M1B Wed 1999-09-22 2110 CW 136 756 756 43 43 = = cs]
 4640 E5 Tue 1998-02-03 2300 USB ID 077 - TCS - YL/EE - //5046 [ms]
 4640 E5 Tue 1998-02-03 2300 USB ID 679 - TCS - YL/EE - //5046 [ms]
 4640 E5 Thu 1998-02-05 2300 USB ID 679 - 90 GROUP MSG - TCS - YL/EE
 - //5046 [ms]
 4640 E5 Fri 1998-02-06 2311USB ID --- - 90 GROUP MSG - TCS - YL/EE
 - //5046[ms]
 4645 E5 Tue 1998-02-17 200 USB ID 737 - TCS - YL/EE - 66 GROUP MSG
 - //5407
 4645 E5 Tue 1998-02-17 315 USB ID --- - TCS - YL/EE - (IN PROGRESS)
 - //5407
 4645 E5 Wed 1998-02-18 200 USB ID 737 - TCS - YL/EE - 66 GROUP MSG
 - //5407
 4645 G12 Tue 1984-04-17 2100 AMthe French version
 4665 E10 Sat 1999-06-26 45 USB GG CI02
 4665 E10 Sat 1999-06-26 145 USB GG CI02
 4665 E10 Sat 1999-06-26 245 USB GG CI02
 4670 TCS/E5 //5812 0000 Mon 5/31/99 YL/EE rptg 030 Count 101 3/2FG
 (JM4)
 4670 E5 //5812 0000Z SAT 052999 (BR)
 4670 E5 //5812 0000Z TUE 060199 (BR)
 4670 TCS/E5 //5812 0000 Tue 6/1/99 YL/EE rptg 030 Count 101 3/2FG
 (JM4)
 4670 E5 Wed 06021999 0100 USB ID 030, Count 101, // 5812
 4670 E5 frequency Saturday May 29, 1999, 1255 UTC

4670 E5 1999-05-29 0000- USB ID 884. Signal S9+80dB, S5
 4670 TCS/E5 //5812 0000 Fri 5/28/99 YL/EE rptg 884 Count 3/2FG
 (JM4)
 4670 E5 1999-05-27 0000- USB YL/EE rptg 884 Count 81 3/2FG
 //5812 (JM4)
 4670 E5 //5812 1999-05-26 0000- USB YL/EE rptg 966 Count 197
 3/2FG (JM4)
 4670 E5 Thu 06031999 0000 USB //5812 rptg 030 Count 101 (JM4)
 4670 E5 Thu 06111998 0200 USB //5238 rptg 000 test broadcast (JM4)
 4670 E5 Mon 06151998 0200 USB //5238 rptg 049 test broadcast (JM4)
 4670 E5 Tue 06161998 0200 USB //5238 rptg 062 test broadcast (JM4)
 4685 M13 Sun 1999-02-21 2130 CW 411 = 198 22 = cs]
 4710 04.06.1999 UTC 01:43 AM YL/EEmsg group 7,5 text, text [ds]
 4710 Unid 04.06.1999 01:43 AM YL/EE msg group 7,5 text, text[ds]
 4722 M3 Tue 1999-02-23 730 CW 041 00[cs]
 4740 M17, 1940Z, 051299, 70679 25 (hfd)
 4740 M17, 1940Z, 052699, 80382 28, repeat of 1900 (hfd)
 4740 M17, 1940Z, 051299, 70679 25 (hfd)
 4740 M17, 1940Z, 052699, 80382 28, repeat of 1900 (hfd)
 4782 M10 2/3F 000, 2100Z, 051299, 555 (3) 619 (3) 40 021 (3)46 (hfd)
 4782 M10 Sun 05301999 2100 CW 555x3 619x3 14 071x3 44
 4870 M3 Fri 1999-02-26 0900 CW 012 00 Very weak signalcs]
 4870 M3 Fri 1999-02-26 0730 CW 040 00cs]
 4880 Unid 08.06.1999 01:14 AM female english Msg:SJFXBZ [ds]
 4880 E10 Thu 1999-06-24 2200 USB ULX2
 4880 E10 Sat 1999-06-26 0030 USB ULX 70 EZCB Heavy WX QRN
 4880 E10 Sat 1999-06-26 0130 USB ULX2
 4880 E10 Sat 1999-06-26 0200 USB ULX SOEYB
 4880 E10 Tue 1999-06-22 2200 USB ULX2
 4880 E10 Wed 1999-06-23 2200 USB ULX2
 4880 E10 Wed 1999-06-23 2230 USB ULX2
 4880 E10 Thu 1999-06-24 0030 USB ULX 70 EZCBV
 4881 E10 Sat 1999-06-26 0230 USB ULX 2 msgs: 84 BTLPV 48 ??WXV
 4881 E10 Wed 1999-06-23 2300 USB ULX 2 msgs: 109 KYAOP 42 JHTDN eot
 4881 E10 Mon 1999-06-28 0240 USB already in progress
 4900 M3 Thu 1999-02-25 0730 CW 018 00 [cs]
 4900 M3 Wed 1999-09-22 0730 CW 018 00[cs]
 4949 M1B Wed 1999-02-24 1818 CW 103 987 987 43 43 = =cs]
 4949 M1B Wed 1999-09-22 1818 CW 103 987 987 43 43 = = cs]
 4958 M10 Sat 1999-02-27 1630 CW 555x3 571x3 26 275x3 38 [cs]
 4958 M10 Wed 1999-09-22 1630 CW Repeat of Sunday[cs]
 4970 M14A Wed 1999-02-24 1900 CW 362 459 83 362 158 64[cs]
 4972 M12 Wed 1999-02-24 1900 CW 135x3 1 Faded Out[cs]
 4977 M52 Tue 1999-02-23 2200 CW 08 : 179780x3 : 12: 29 : 222 ARcs]
 4977 M52 Wed 1999-09-22 2100 CW 13 : 875496x3 : 10: 222 AR[cs]
 4990 M1B Thu 1999-02-25 2132 CW 514 756 756 43 43 = = cs]
 5020 M3 Mon 05311999 0700CW 040 00 SAME as 1998
 5046 E5 Tue 1998-02-03 2300 USB ID 679 - TCS - YL/EE - //4640[ms]

5046 E5 Thu 1998-02-05 2300 USB ID 679 - 90 GROUP MSG - TCS - YL/EE
- //4640[ms]
5046 E5 Fri 1998-02-06 2311 USB ID --- - 90 GROUP MSG - TCS - YL/EE
- //4640[ms]
5050 M3 Tue 1999-02-23 815 CW 211 00[cs]
5089 M3 Wed 1999-02-24 1200 CW 016 00 [cs]
5091 E10 Thu 1999-06-24 2230 USB JSR2
5091 E10 Tue 1999-06-22 2200 USB JSR2
5091 E10 Wed 1999-06-23 2200 USB JSR2
5100 Mossad 25.05.1999UTC 17:22AMYL/EEmsgAIBBOQBQ-
5100 E10 25.05.1999UTC 19:31AMYL/EEmsg ULX, ULX
5100 Mossad 25.05.1999 17:22 AM YL/EE msg AIBBOQBQ [ds]
5100 E10 25.05.199919:31 AM YL/EE msg ULX, ULX[ds]
5116 M29A Wed 1999-09-22 2000 CW Repeat of 1800[cs]
5134 M8a Sun 1997-09-14 1200 CW ID 44843 01443 94482 [ms]
5134 M8a Sun 1997-12-28 1200 CW ID 57991 18212 78853 - rpt of 1116Z
on 4172ms]
5135 V2a Sat 1998-02-28 0104 AM ID ----- 77183 89753 - YL/SS
5166 Mon (010499) 2110 AM Sked 916 Null msg format (DR)
5180 S12 Wed 06021999 2103 USB Cherta 371/000 ab]
5180 M3 Mon 05311999 0730 CW 018 00 SAME as 1998
5180 M3 Wed 1999-09-22 0930 CW 011 00[cs]
5180 M3 Wed 1999-09-22 0830 CW 044 00[cs]
5182 G16 Sat 01311998 0130 USB rptg WL 67 group msg for 571 (JM4)
5267 Mon (032999) 2122 AM Sked 825 key 610 gc 53 (DR)
5320 M1 Thu 1999-02-25 1800 CW EOM U R Loud jAMmer on freq[cs]
5320 M1 Tue 1999-02-23 1758 CW 197 076 076 38 38 = = cs]
5340 M29A Wed 1999-09-22 1800 CW 37 37 14 14 22 22 1900 1900[cs]
5360 M3 Wed 1999-02-24 0830 CW 044 00 SAME as 1998cs]
5365 M03, 0800Z, 051499, 041/00 (short 0) (hfd)
5365 M3 Tue 1999-02-23 0930 CW 121 00[cs]
5365 M3 Sun 1999-02-21 2000 CW 121 36cs]
5365.5 M03, 0800Z, 051499, 041/00 (short 0) (hfd)
5407 E5 Tue 1998-02-17 0200 USB ID 737 - TCS - YL/EE - 66 GROUP MSG
- //4645
5407 E5 Tue 1998-02-17 0315 USB ID --- - TCS - YL/EE - (IN PROGRESS)
- //4645
5407 E5 Wed 1998-02-18 0200 USB ID 737 - TCS - YL/EE - 66 GROUP MSG
- //4645
5410 Mossad 24.05.1999 UTC22:01AMYL/EEmsg JSP.JSP.JSP
5410 Mossad 24.05.1999 22:01 AM YL/EE msg JSP...JSP...JSP [ds]
5416 M8a Tue 1998-02-03 300 CW ID 62272 47211 72482 [ms]
5417 V2 Mon 06141999 0704 AM Spanish Lady YL/SS in progress sd]
5419 M8 0300Z THU 052799 (BR)
5419 M8a Sat 06191999 0209 CW ID ----- 08053 42821 [ms]
5419 M8a Sat 1999-06-26 200 CW ID 06311 13681 25871
5419.5 M8a Sat 06121999 0200 CW rptg DWDIN DURGN ANTNA (JM4)
5419.5 M8a Mon 1999-06-28 200 CWrptg IDINA WGAUN ADRGN

5435 E10 1999-05-26 0300- USB YL/EE rptg ART 5LG (JM4)
5435 Unid 07.06.1999 20:49 AM female english Msg:LUCBNMHI[ds]
5435 E10 Fri 03261999 0300 USB rptg ART (JM4)
5435 E10 Sun 03211999 0300 USB rptg ART (JM4)
5435 E10 Mon 03291999 0300 USB rptg ART (JM4)
5435 E10 Fri 03191999 0300 USB rptg ART (JM4)
5435 E10 Thu 1999-06-24 2200 USB ART 78 ENAPQ
5435 E10 Thu 1999-06-24 2230 USB ART2
5435 E10 Sat 1999-06-26 0130 USB ART 37 ?QBYH
5435 E10 Wed 1999-06-23 2200 USB ART 78 ENAPQ
5435 E10 Wed 1999-06-23 2230 USB ART 85 GTLBA
5435 E10 Wed 1999-06-23 2330 USB ART2
5435 E10 Thu 1999-06-24 USB ART
5465 Unid 07.06.1999 00:34 AM female english Msg:ETIILGNI[ds]
5470 3-note G04, 2035Z, 050299, 32158 75123 95201 (27 gr) (hfd)
5470 3 note G04, 2035Z, 050299, 32158 75123 95201 (27 gr) (hfd)
5470 M10 Sun 1999-02-28 1800 CW 555x3 633x3 29 801x3 28cs]
5470 M10 Sun 1999-02-21 1800 CW 555x3 127x3 37 801x3 26[cs]
5503 M3 Tue 1999-02-23 800 CW 743 00[cs]
5520 M1B Mon 05311999 1718 CW 719 836 836 42 42 = =
5520 M3 Thu 1999-02-25 900 CW 011 00[cs]
5520 M3 Thu 1999-02-25 830 CW 019 00cs]
5520 M3 Tue 1999-02-23 830 CW 019 00[cs]
5570 3-note G04, 2005Z, 050299, 32158 75123 95201 (27 gr) (hfd)
5570 3 note G04, 2005Z, 050299, 32158 75123 95201 (27 gr) (hfd)
5591 Mossad 25.05.1999UTC 17:20AMYL/EEmsgSBMXLHXL-
5591 Mossad 25.05.1999 17:20 AM YL/EE msg SBMXLHXL [ds]
5610 Mossad 24.05.1999 22:03 AM Female/EE Msg VLX [ds]
5610 M3 Tue 1999-02-23 700 CW 010 00[cs]
5620 2035Z kHz Msg 25x 5FG[hfd]
5629 E10 Sat 1999-06-26 0045 USB CI02
5629 E10 Sat 1999-06-26 0145 USB CI02
5629 E10 Sat 1999-06-26 0245 USB SYN2
5637 CUBA Babbler, 1300-, idle, (AWH 26-May-99)
5651 E5 //17390 1200Z TUE 052599 (BR) (new)
5688 CUBA Babbler, 1133-, idle, hum, fair. (AWH 29-Apr-99)
5688 CUBA Babbler, 2145-, idle, hum, 5688 off.(AWH 26-May-99)
5688 CUBA Babbler, 1300-1500+, idle, hum, 5637 off. (AWH 27-May-99)
5720 G4 Sun 06131999 2009 AM 3 Tones then German shouting 5FG[dar]
5720 M29A Tue 1999-02-23 800 CW Repeat of Mondaycs]
5720 M29A Wed 1999-09-22 1400 CW Repeat of 0800[cs]
5720 M29A Wed 1999-09-22 800CW 67 67 36 36 22 22 0900 0900[cs]
5734 M13 Wed 1999-09-22 2100 CW 261 = 208 23 = cs]
5734 M13 Wed 1999-09-22 2000 CW 261 = 208 23 = cs]
5737 M01B 2or3F 00, 2032Z, 051399, in prog, ends w/ 40 000(hfd)
5737 M10 Sun 1999-02-28 1630 CW 555x3 571x3 26 275x3 38 v
5737 M10 Wed 1999-02-24 1630 CW Repeat of Monday [cs]
5737 M10 Sun 1999-02-21 1630 CW 555x3 571x3 38 532x3 38[cs]

5748 LOL0, 5F, SK M04, 1257Z, 051399, U's LOL0 LOL0 LOL0 / 88597 (hfd)
5758 M8 0200Z WED 052699 (BR)
5761 M8a Thu 1998-02-05 2200 CW id 47212 06532 92833 [ms]
5762 Atencion/V2a? 0200 Sat 5/29/99 carrier up, no audio appeared(JM4)
5762 V2a Sat 06121999 0200 AM extremely weak. (JM4)
5762 V2a Sat 1999-06-26 0200 AM rptg 92521 13562 64493
5763 V2a Sat 03271999 0200 AM broadcaster QRM (JM4)
5763 Atencion V2a 0200 Sat 6/19/99 YL/SS rptg 43903 53533 64492
5FG. (JM4)
5800 Atencion/V2a 0300 Mon 5/31/99 YL/SS unreadable due to broad
cast QRM.(JM4)
5800 V2a Mon 06071999 0300 AM unreadable due to QRM (JM4)
5800 Atencion V2a 0300 Mon 6/21/99 YL/SS rptg A 05063 13561 08653
5FG. (JM4)
5800 V2a Mon 1999-06-21 300 AMrptg A 05063 13561 08653 (JM4)
5800 V2a Mon 1999-06-28 300 AM ? carrier up - no audio
5812 TCS/E5 //4670 0000 Mon 5/31/99 YL/EE rptg 030 Count 101 3/2FG
(JM4)
5812 E5 //4670 0000Z THU 052799 (BR)
5812 E5 //4670 0000Z SAT 052999 (BR)
5812 E5 //4670 0000Z TUE 060199 (BR)
5812 TCS/E5 //4670 0000 Tue 6/1/99 YL/EE rptg 030 Count 101 3/2FG
(JM4)
5812 E5 Wed 06021999 0100 USB ID 030, Count 101, // 4670
5812 TCS/E5 0000 Sat 5/29/99 YL/EE rptg 884 Count 81 3/2FG. (JM4)
5812 E5 frequency Saturday May 29, 1999, 1255 UTC
5812 E5 1999-05-29 0000- USB ID 884, Count 81, // 4670
5812 TCS/E5 //4670 0000 Fri 5/28/99 YL/EE rptg 884 3/2FG. (JM4)
5812 E5 //4670 1999-05-26 0000 USB YL/EE rptg 966 Count 197 3/2FG
(JM4)
5820 M29A Tue 1999-02-23 0830 CW Repeat of Monday [cs]
5820 M29A Wed 1999-09-22 1430 CW Repeat of 0830 [cs]
5820 M29A Wed 1999-09-22 0830 CW Repeat of abovecs]
5820 E10 Sat 1999-06-26 0200 USB YHF 88 GTUSD
5820 E10 Sat 1999-06-26 0230 USB YHF 81 BSSRG
5820 E10 Wed 1999-06-23 2330 USB YHF 2 msgs 39 NJXIW 94 WLOUC eot
5825 M8 1200Z THU 052799 (BR)
5860 M10 Mon 05311999 1630 CW Repeat of Sunday
5870 M3 Thu 1999-02-25 0800 CW 017 00 cs]
5940 M1B Thu 1999-02-25 1603 CW 159 Rest lost in Broadcast QRM [cs]
5946 M10 Sun 1999-02-28 1920 CW 555x3 968x3 10 652x3 53[cs]
5946 M10 Sun 1999-02-21 1920 CW 555x3 968x3 17 632x3 31[cs]
6071 Mossad 25.05.1999UTC 17:16AMYL/EEmsgIZBFAIEHI-
6071 Mossad 25.05.1999 17:16 AM YL/EE msg IZBFAIEHI [ds]
6100 Mossad 25.05.1999UTC 17:17AMYL/EEmsgKPA2,KPA2-
6270 MOSSAD/E10 //7760 0100 Mon 5/31/99 YL/EE rptg ULX 5LG. (JM4)
6270 MOSSAD/E10 //7760 0100 Tue 6/1/99 YL/EE rptg ULX 5LG. (JM4)
6270 MOSSAD/E10 //7760 0100 Sun 5/30/99 YL/EE rptg ULX 5LG. (JM4)

6270 MOSSAD/E10 //7760 0100 Sat 5/29/99 YL/EE rptg ULX 5LG. (JM4)
6270 E10 1999-05-27 0100- USB YL/EE rptg ULX 5LG //7760 (JM4)
6270 E4 //7760 1999-05-26 0100- USB YL/EE rptg 11900 5FGx2 (JM4)
6270 E10 Tue 06081999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Sun 06061999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Thu 06101999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Fri 03261999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Sun 03211999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Mon 03221999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Mon 03291999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Wed 03311999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Fri 03191999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Sat 03201999 0100 USB //7760 rptg ULX (JM4)
6270 E10 Mon 06141999 0100 USB ULX[cs]
6270 10.06.1999 15:09 UTC AM female english Msg:BXZBKWB [ds]
6270 //7760 MOSSAD E10 0100 Sun 6/20/99 YL/EE rptg ULX 5LG. (JM4)
6270 //7760 MOSSAD E10 0100 Mon 6/21/99 YL/EE rptg ULX 5LG. (JM4)
6270 E10 Mon 1999-06-21 0100 USB //7760 ULX (JM4)
6270 //7760 MOSSAD/E10 0100 Tue 6/22/99 YL/EE rptg ULX 5LG. (JM4)
6270 E10 Tue 1999-06-22 0100 USB //7760 ULX
6270 E10 Sat 1999-06-26 0100 USB //7760 ULX
6270 E10 Wed 1999-06-23 0100 USB //7760 ULX
6270 E10 Fri 1999-06-25 0100 USB //7760 ULX
6270 E10 Thu 1999-06-24 0100 USB //7760 ULX
6283 M01B 3F 2or3F 00, 1723Z, 051899, 382, unstable tx (hfd)
6283 M01B 3F 2or3F 00, 1723Z, 051899, 382, unstable tx (hfd)
6330 M3 Mon 05311999 0900CW 976 00
6330 M3 Fri 1999-02-26 0830 CW 017 00[cs]
6420 VDE, 5F AR M29, 1900Z, 051099, repeat of 1700 (6640) (hfd)
6420 VDE, 5F AR M29, 1900Z, 051099, repeat of 1700 (6640) (hfd)
6430 M3 Fri 1999-02-26 0930 CW 552 00[cs]
6485 E3 Wed 06091999 1900 USB "72985" [ba]
6539 M10E Sun 1999-02-28 2100CW 111x3 14192x3 20x3cs]
6539 M10E Sat 1999-02-27 2100 CW 111x3 15283x3 20x3 cs]
6539 M10E Fri 1999-02-26 2100CW 111x3 85347x3 20 3[cs]
6539 M10E Thu 1999-02-25 2100 CW 111x3 19865x3 20x3[cs]
6539 M10E Tue 1999-02-23 2100 CW 111x3 44729x3 20x3cs]
6539 M10E Wed 1999-09-22 2100 CW 111x3 74338x3 20x3 [cs]
6539 M10E Sun 1999-02-21 2100 CW 111x3 02292x3 20x3[cs]
6600 Mossad 25.05.1999UTC 17:14AMYL/EEmsgHBSWIFWE-
6640 VDE, 5F AR M29, 1700Z, 051099, vvv 14 13 10 1900 63211... (hfd)
6640 VDE, 5F AR M29, 1700Z, 051099, vvv 14 13 10 1900 63211... (hfd)
6640 M29 Mon 05311999 1700 CW 76 76 11 11 31 31 1900 1900
6645 Arabic V08, 1815Z, 050899, A numbers, 1820 mx c/d (hfd)
6645 Arabic V08, 1815Z, 050899, A numbers, 1820 mx c/d (hfd)
6658 MOSSAD E10 0300 Sun 6/20/99 YL/EE rptg ART2 then down. (JM4)
6658 E10 Sat 1999-06-26 0115 USB KPA2
6660 KPA 2 2022 spurios 6665, 6660 (21.6) [z1]

6745 E10 Sat 1999-06-26 0045 USB CI02
6745 E10 Sat 1999-06-26 0145 USB CI02
6745 E10 Sat 1999-06-26 0145 USB CI02
6745 E10 Sat 1999-06-26 0245 USB CI02
6745 E10 Sat 1999-06-26 0245 USB CI02
6767 M8a Sat 1997-09-13 1300 CW ID 62643 31032 72293 - rpt of 1200Z
on 6781[ms]
6767 M8a Sun 1998-02-15 1000 CW ID 42541 72981 39791 - rpt of 0900Z
on 6867
6767 M8a Fri 1998-02-20 0333 CW ID ----- - (IN PROGRESS)
6767 M8a Sun 1998-02-22 1200 CW ID 33753 35842 13612
6767 M8a Tue 1998-02-24 0100 CW ID 15401 08923 19361
6768 Atencion/V2a 0100 Sat 5/29/99 YL/SS 5FG in progress. (JM4)
6768 V2a Mon 06071999 0406 AM late start - no call-up (JM4)
6768 V2a Sat 03271999 0100 AM rptg 29453 94103 54482 (JM4)
6768 V2a Mon 03291999 0400 AM rptg 60213 68632 24922 (JM4)
6768 V2a Sat 03201999 0100 AM rptg 29452 94101 44481 (JM4)
6768 V2 Wed 07141999 0421 AM Spanish Lady YL/SS in progresssd]
6768 M8a Sun 1997-12-28 1200 CW id 05333 13623 05163[ms]
6768 Atencion V2a 0100 Sat 6/19/99 YL/SS rptg 43903 53533 64492
5FG. (JM4)
6768 Atencion V2a 0400 Tue 6/21/99 YL/SS extremely weak (JM4)
6768 V2a Mon 1999-06-21 0400 AM extremely weak (JM4)
6768 V2a Sat 1999-06-26 0100 AM ?? carrier up - no audio appeared
6768 V2a Mon 1999-06-28 0400 AM ? carrier up - no audio
6770 M29 Mon 05311999 0700 CW 65 65 37 37 31 31 0900 0900
6780 M1 Sun 05301999 0700 CW 025 110 110 30 30 = =
6781 M8a Sat 1997-09-13 1200 CW ID 62643 31032 72293 [ms]
6782 M12 000 000, 1600Z, 051499, 749 749 749 0 0 0 (short 0) (hfd)
6782 M12 000 000, 1600Z, 051499, 749 749 749 0 0 0 (short 0) (hfd)
6782 M12 Sun 05301999 1600 CW 749x3 000
6782 M12 Mon 05311999 1600 CW 749x3 1 5897 142
6782 M12 Sun 1999-02-28 1700 CW 749x3 000 cs]
6782 M12 Sat 1999-02-27 1700 CW 749x3 000[cs]
6782 M12 Thu 1999-02-25 1700 CW 749x3 000 [cs]
6782 M12 Wed 1999-02-24 1700 CW 749x3 1 4974 143 [cs]
6782 M12 Tue 1999-02-23 1700 CW 749x3 1 1724 139[cs]
6782 M12 Wed 1999-09-22 1700 CW 749x3 1 7623 143[cs]
6782 M12 Sun 1999-02-21 1700 CW 749x3 000cs]
6786 v2 Sun 06061999 0608 AM Cuban YL/SS 5F msg in progress. Bad hum
on carrier. [ts]
6786 M8a Sat 1997-09-13 1100 CW IN PROGRESS [ms]
6786 M8a Mon 1997-12-29 0803 CW ID ----- 62042 71902 [ms]
6786 M8a Mon 1997-12-29 1008 CW ID ----- 68552 48071 [ms]
6786 M8a Tue 1998-02-03 1000 CW ID 66122 41141 70793 [ms]
6786 M8a Sun 1998-02-15 0900 CW ID 50143 58572 50632
6786 M8a Sun 1998-02-15 1004 CW ID ----- 41511 97722 - (IN PROGRESS)
6786 V2a Fri 1998-02-20 0800 AM ID 91943 12313 56902 - YL/SS

6786 M8a Sat 1998-02-28 0700 CW ID 97162 71581 38391
6786 M8a Sat 1998-02-28 1100 CW ID 27233 45232 52692
6786 V2 Sun 1999-06-20 0636 AM Spanish Lady YL/SS in progress
6786 V2A Sun 1999-06-27 0600 AM ID 15133 36322 24361
6796 M8a Sat 06191999 1211 CW ID ----- 12082 60611 [ms]
6796 M8a Sat 1998-02-14 0204 CW ID ----- 62722 43141 [ms]
6796 M8a Sat 1998-02-14 1200 CW ID 62723 ----- 07593 [ms]
6796 M8a Sat 1998-02-21 1200 CW ID 33752 35841 13611
6796 M8a Sat 1998-02-28 0200 CW ID 52341 66852 49402
6796 M8a Sat 1998-02-28 1200 CW ID 66853 63662 52342
6797 M8a Tue 1998-02-03 1200 CW ID 74412 46762 18012[ms]
6797 V2a Mon 1998-02-16 0200 AM ID 25163 20693 46421 - YL/SS
6797 M8a Sun 1998-02-22 1200 CW ID 94221 56562 46621
6826 M8a Sat 1997-09-13 1000 CW ID 96532 86691 20632[ms]
6826 V2a Mon 1997-12-29 0916 AM ID ----- 27591 49283 - YL/SS[ms]
6826 V2a Tue 1998-02-03 0302 AM ID 52461 19233 19331 - YL/SS [ms]
6826 M8a Tue 1998-02-03 1000 CW ID 32572 85082 76881[ms]
6826 M8a Sat 1998-02-14 1000 CW ID 77641 06251 97721 [ms]
6826 V2a Mon 1998-02-23 0318 AM (IN PROGRESS) - YL/SS
6826 M8a Tue 1998-02-24 0906 CW (IN PROGRESS)
6834 M10 Sun 05301999 1630CW 555x3 571x3 44 275x3 32
6838 M10 2F 2/3F 000 M10, 1630Z, 051099, 555 571/28 275/?? (hfd)
6840 EZI 30/05/99 1634 // kHz (digio)
6840 E10, 2130Z, 051499, EZI, msg E.HRK FAPOE DTMJQ (hfd)
6840 E10 14.05.99 2130 EZI msg E.HRK FAPOE DTMJQ[hfd]
6840 E10 Mon 06141999 0100 USB EZIcs]
6840 E10 Sun 05301999 2233 AM Mossad YL/EE in progress //9130 [sd]
6840 E10 Tue 06081999 2200 AM "EZI2".AFAIK,there was no msg. [ba]
6840 E10 Wed 06161999 2235 USB In progress // 9130 MD/USA (cs)
6840 E10 10.06.1999 15:11 UTC SSB female english Msg:XBVKLBPI [ds]
6840 //9130 MOSSAD/E10 0100 Tue 6/22/99 YL/EE rptg EZI 5LG. (JM4)
6840 E10 Tue 1999-06-22 0100 USB//9130 EZI
6840 E10 Sat 1999-06-26 0100 USB//9130 EZI
6840 E10 Thu 1999-06-24 2230 USB EZI1
6840 E5 Mon 1998-02-23 0202 USB ID 137 - TCS - YL/EE - 280 GROUP
MSG - ENDS "00000"
6840 E10 Sat 1999-06-26 1735 USB in progress,jAMmed,barely audible
6840 E10 Sat 1999-06-26 1910 USB in progress,fairly readable
6840 E10 Wed 1999-06-23 0100 USB//9130 EZI
6840 E10 Fri 1999-06-25 0100 USB EZI
6840 E10 Tue 1999-06-22 2200 USB EZI2
6840 E10 Wed 1999-06-23 2200 USB EZI2
6840 E10 Thu 1999-06-24 0100 USB//9130 EZI
6840.1 E10 Wed 1999-06-23 2230 USB EZI 87 RQZVY
6854 M8 1200Z WED 052699 (BR)
6855 Atencion/V2a 0300 Mon 5/31/99 YL/SS rptg A 53843 54512 59552
5FG. (JM4)
6855 V2a Mon 06071999 0300 AM stuttering 640__ ____3 5955_ (JM4)

6855 V2a Mon 03221999 0300 AM rptg 60211 68631 24921 (JM4)
6855 V2a Mon 03291999 0300 AM rptg 60213 68632 24922 (JM4)
6855 Atencion V2a 0300 Mon 6/21/99 YL/SS w/false start, then
broadcast terminated. (JM4)
6855 M8a Tue 1998-02-03 1200 CW id 24912 91982 02461 [ms]
6855 V2a Fri 1998-02-20 0330 AM YL/SS - (IN PROGRESS)
6855 V2a Mon 1999-06-28 0300 AM ? carrier up - no audio
6856 M8a Sat 1998-02-28 0625 CW id ----- 34421
6866 E6? Mon 09061999 0130 AM live OM w/RR accent rptg 989 (JM4)
6866 M8a Sun 1997-09-14 1200 CW id 20081 31033 95141ms]
6866 M8a Tue 1998-02-03 0211 CW (IN PROGRESS)[ms]
6866 M8a Tue 1998-02-17 0200 CW id 77643 31761 56472
6866 M8a Tue 1998-02-24 0200 CW id 15401 08923 19361 - rpt of
0100Z on 6767
6866 M8a Sat 1998-02-28 0300 CW id 52341 66852 49402 - rpt of
0200Z on 6796
6867 M14 Wed 06091999 0100 CW down w/00000 0=T (JM4)
6867 E17 Wed 06091999 0200 AM rptg 538 538 538 00000 then data
bursts (JM4)
6867 N8a Sun 1998-02-15 0900 CW id 42541 72981 39791
6868 V20 Sun 04261998 1400 USB rptg X229 w/1-20 count (JM4)
6870 M29 Mon 05311999 0730 CW 65 65 37 37 31 31 0900 0900
6888.5 M51 with 5LG, CW, at 2250z 12th May.[gh]
6900 Mossad 24.05.1999UTC 22:17 AM YL/ EE msg WEPCB VVQEC XOPXPQ
6918 G7 Mon 06141999 2023 AM Sked 531 null msg formatdar]
6931 E10 28.05.1999 UTC 16:43AMYL/EEmsgEJPPZMFAH
6932 M8a Sat 06191999 1300 CW ID 89311 12082 60611 - rpt of 1211Z
on 6796 [ms]
6932 M8a Tue 1997-12-30 1300 CW ID 45901 56-82 40562[ms]
6932 M8a Tue 1998-02-03 0221 CW ID ----- 91981[ms]
6932 M8a Sun 1998-02-15 0200 CW ID 07593 62723 66763
6932 M8a Sat 1998-02-21 1300 CW ID 33752 35841 13611 - rpt of 1200Z
on 6796
6932 M8a Sat 1998-02-28 1300 CW ID 66853 63662 52342 - rpt of 1200Z
on 6796
6933 M8a Sat 1998-02-14 1200 CW ID 48911 08773 54402 [ms]
6933 M8a Sat 1998-02-14 1300 CW ID 62723 66763 07593 - rpt of 1200Z
on 6796[ms]
6933 M8a Sat 1998-02-21 1200 CW ID 34793 56561 55371
6933 M8a Sat 1998-02-28 1200 CW ID 10162 42292 43172
6934 M12 Wed 06021999 2006 CW In progressab]
6934 M12 Sat 1999-02-27 2100 CW 658x3 1 1691 142 cs]
6935 M12 Wed 1999-02-24 2100 CW 658x3 1 4974 143[cs]
6935 M10E Wed 1999-02-24 2100CW 111x3 02429x3 20x3 [cs]
6940 Mossad 25.05.1999UTC 17:12AMYL/EEmsgGOBUJMEV-
6944.5 MX Sat 03201999 0000 CW SLHFM T (JM4)
6945 Czech Lady (S17), 1250 (May 17) AM 555 etc. very poor (AB)
6945 Czech "control" single 5f msg S17C, 1250Z, 051399,72041 (hfd)

6945 Czech "control" single 5f msg S17C, 1250Z, 052299,71031 (hfd)
6945 Czech "control" single 5f msg S17C, 1250Z, 052399,76033 (hfd)
6945 Czech "control" single 5f msg S17C, 1250Z, 052999,73032 (hfd)
6945 S17 Wed 06021999 1250 USB Czech Lady 'control' msg ab]
6945 Czech "control" single 5f msg S17C, 1250Z, 051399,72041 (hfd)
6945 Czech "control" single 5f msg S17C, 1250Z, 052299,71031 (hfd)
6945 Czech "control" single 5f msg S17C, 1250Z, 052399,76033 (hfd)
6945 Czech "control" single 5f msg S17C, 1250Z, 052999,73032 (hfd)
6945 S17 Tue 06151999 1252 USB Msg:_7043 I think. Very weak. A lot worse than at Easter[d]
6959 E3 Sun 06061999 2100 USB // 9251 cs]
6959 E3 Sun 06131999 2100 USB // 9251[cs]
6959 E3 Thu 1999-06-24 2200 USB GG id 58779
6960 QSO in AA (USB) 1721 [z1]
6982 M8a Sun 1997-12-28 1300 CW id 05333 13623 05163 - rpt of 1200Z on 6768 [ms]
6982 M8a Sun 1998-02-22 1300 CW id 33753 35842 13612 - rpt of 1200Z on 6767
6983 V2a Thu 1998-02-26 200 AM id 81915 88832 03983 - YL/SS
6984 M51 transmission, CW, usual 5LG at 2238z 17th May [gh]
7000 E10 28.05.1999 UTC 16:42 Mhz AMYL/EEmsgOBUHMCBV-
7151 Mossad 25.05.1999UTC 16:16AMYL/EEmsgKPA2,KPA2-
7151 Mossad 25.05.199916:16 AM YL/EE Msg KPA2,KPA2 [ds]
7250 3 msg, no breaks (ex "Swedish Rhapsody") E23, 1157Z, 052499, msg (hfd)
7250 LOL0, 5F, SK M04, 1005Z, 051099, in transmission (hfd)
7250 3 msg, no breaks (ex "Swedish Rhapsody") E23, 1157Z, 052499, msg (hfd)
7250 LOL0, 5F, SK M04, 1005Z, 051099, in transmission (hfd)
7250 E23 24.05.99 115711 3 msg, no breaks (ex "Sw... msg G04 13 3 note(27 gr) [hfd]
7256 M3 Sun 05301999 1630 CW 287 00 Repeat Daily
7258 M3 Sat 1999-02-27 800 CW 624 00[cs]
7275 M23 Sun 05301999 0600 CW 532 R10
7275 M23 Mon 05311999 0600 CW 532 R10
7320 M8a Sun 1998-02-22 1300 CW id 94221 56562 46621 - rpt of 1200Z on 6797
7337 E3 Wed 06161999 2237 USB // 12603, 9251 MD/USA (cs)
7337 E3 Thu 1999-06-24 2200 USB GG id 58779
7337 E3 Thu 1999-06-24 2237 USB Lincs Poacher YL/EE in progr //9251
7337 E3 Wed 1999-06-23 2200 USB GG id 57592 - 10220 ...
7425 M17 Wed 1999-02-24 900 CW 53063 22 22 = cs]
7547 E5 Sat 1998-02-14 1300 USB ID 486 - 215 GROUP MSG - TCS - YL/EE - //10529[ms]
7555 Atencion/V2a 0300 Sun 5/30/99 YL/SS rptg A 28809 61323 24353 5FG. (JM4)
7555 V2a Sun 03211999 0300 AM QRM Lord's Ranch (JM4)
7555 V2a Sun 03281999 0300 AM rptg 09443 40463 13153 (JM4)

7555 M8a Sun 1999-06-20 1004 CW (IN PROGRESS) [ms]
7555 Atencion V2a 0300 Sun 6/20/99 YL/SS rptg A 60932 42583
52623 5FG. (JM4)
7582 M8a Tue 1998-02-24 200CW id 38403 15243 07163 - rpt of
0100Z on 8136
7583 V2a Sat 1998-02-07 0 AM id 77391 33173 42283 - YL/SS [ms]
7583 V2a Sat 1998-02-14 0 AM ID 77392 85342 70421 - YL/SS - rpt of 2300Z
2/13/1998 on 8013[ms]
7583 V2a Sat 1998-02-21 0 AM id 47831 53852 87821 - YL/SS - rpt of 2300Z,
2/20/98 on 8013
7584 M8a Mon 1997-12-29 800 CW id 49952 62893 83853[ms]
7584 M8a Mon 1997-12-29 904 CW ID ----- 62042 71902 - rpt of 0803Z on
6786[ms]
7584 V2a Mon 1997-12-29 1000 AM ID 62191 27591 49283 - rpt of 0916Z on 6826
- YL/SSms]
7590 28.05.1999 UTC 16:09 AM YL/EE msg SOUNIBF
7680 M8a Sat 1998-02-28 800 CW id 22342 73053 46433
7725 M8a Tue 1998-02-03 222CW ID ----- 66971[ms]
7726 Atencion 0540 Voice YL SS 5 fgps(May 23 1999)(PL00)
7726 M8a Thu 1998-02-26 104 CW id ----- 31553 43773 - (IN PROGRESS)
7727 M8a Fri 1998-02-20 800 CW id 63772 88551 72851
7734 V2 Fri 06041999 0400 AM rptg 584/01 01/51 (JM4)
7734 V2 Fri 06111999 0400 AM rptg 584/05 05/42 (JM4)
7760 MOSSAD/E10 //6270 0100 Mon 5/31/99 YL/EE rptg ULX 5LG. (JM4)
7760 MOSSAD/E10 //6270 0100 Tue 6/1/99 YL/EE rptg ULX 5LG. (JM4)
7760 MOSSAD/E10 //6270 0100 Sun 5/30/99 YL/EE rptg ULX 5LG. (JM4)
7760 MOSSAD/E10 //6270 0100 Sat 5/29/99 YL/EE rptg ULX 5LG. (JM4)
7760 E4 //6270 1999-05-26 0100- USB YL/EE rptg 11900 5FGx2 (JM4)
7760 E10 Thu 06031999 0100 USB rptg ULX (JM4)
7760 E10 Fri 06111999 0100 USB //? rptg ULX (JM4)
7760 E10 Sat 03271999 0100 USB rptg ULX (JM4)
7760 E10 Sun 03281999 0100 USB rptg ULX (JM4)
7760 E10 Mon 06141999 0100 USB ULXcs]
7760 E10 Tue 06151999 0104 USB Very weak (GMH)
7760 E10 Wed 06161999 0100 USB Very weak (GMH)
7760 MOSSAD E10 0100 Sat 6/19/99 YL/EE rptg ULX 5LG. (JM4)
7760 E10 Mon 1999-06-21 100 USB //6270 ULX (JM4)
7760 E10 Tue 1999-06-22 100 USB //6270 ULX
7760 E10 Sat 1999-06-26 100 USB //6270 ULX
7760 E10 Sat 1999-06-26 100 USB GG ULX 46 YOGXC (LSB deprived AM ?)
7760 E10 Wed 1999-06-23 100 USB//6270 ULX
7760 E10 Fri 1999-06-25 100 USB//6270 ULX
7760 E10 Thu 1999-06-24 100 USB//6270 ULX
7796 Several, favours 5f AR M23, 1458Z, 051899, 082 40 40 5f (hfd)
7796 several, favours 5f AR M23, 1458Z, 051899, 082 40 40 5f (hfd)
7796 M23 Fri 1999-02-26 1558 CW 246 = 37 37 =cs]
7796 M23 Fri 1999-02-26 1028 CW 802 = 32 32 =cs]
7796 M23 Thu 1999-02-25 1558 CW 242 = 40 40 =cs]

7796 M23 Wed 1999-02-24 1600 CW Nil Heard[cs]
7796 M23 Tue 1999-02-23 1558 CW Nil heard [cs]
7796 M23 Tue 1999-02-23 1028 CW Nil heardcs]
7796 M23 Wed 1999-09-22 1558 CW 680 = 42 42 = R 7 from 15 1 [cs]
7796 M23 Wed 1999-09-22 1028 CW 882 = 74 74 = R 7 From 30 12 [cs]
7840 E18 Thu 06101999 2202 LSB In progress, second time I have heard this station tonight [d]
7840 M3 Fri 1999-02-26 1100 CW 508 00 [cs]
7846 M8a Tue 1998-02-03 1100 CW id 32572 85082 76881 - rpt of 1000Z on 6826[ms]
7846 M8a Sun 1998-02-15 104 CW id ----- 59703 99703 - (IN PROGRESS)
7846 M8a Sun 1998-02-22 100 CW id 38401 15241 07161
7846 M8a Sat 1998-02-28 800 CW id 97162 71581 38391 - rpt of 0700Z on 6786
7847 M8a Fri 1998-02-20 800 CW id 22101 42792 20252
7862 V2 Sat 1997-09-13 1000 AM id 963 06 - YL/SS - Note: M8a at 1000Z on 6826 could be heard in background (co-ms]
7884 E17 Fri 03261999 0315 AM rptg 598, then 610 610 42 42 (JM4)
7886 M42 Tue 1997-02-25 102 RTTY FAPSI WNY link w/ 1 msg
7887 Atencion/V2a 0200 Sun 5/30/99 YL/SS rptg A 28809 52191 38312 5FG. (JM4)
7887 Atencion/V2a 0200 Sun 5/30/99 YL/SS rptg A 28809 52191 38312 5FG. (JM4)
7887 V2 1999-05-30 0200- AM IDs 28809 61323 24353
7887 V2 Sun 06061999 0200 AM Distorted audio [cs]
7887 V2a 1999-06-06 0200-0000 AM 5FG in progress (JM4)
7887 V2a Sun 06061999 0200 AM 5FG in progress (JM4)
7887 V2a Sun 03211999 0200 AM rptg 96102 40462 13152 (JM4)
7887 V2a Sun 06131999 0200 AM YL/SS rptg Atencion 91086 42582 72622; msg 1 40107 31806.... msg 2 21564 51338.... [sd]
7887 V2a Sun 1999-06-20 200 AM ID 60932 42783 72623 - YL/SS[ms]
7887 Atencion V2a 0200 Sun 6/20/99 YL/SS rptg A 60932 42583 52623 (JM4)
7887 V2a Sun 1999-06-27 0200 AM id 31822 60431 23511 - YL/SS
7887 V2a Sun 1999-06-27 0200 AM rptg 31822 60431 23511
7889 M8a Tue 1998-02-03 0306 CW - rpt of 0221Z on 6932 [ms]
7889 M8a Sat 1999-06-26 1400 CW id 19923 07833 93002
7890 M8 1200Z TUE 052999 (BR)
7890 M8a Sat 1998-02-14 1300 CW id 48911 08773 54402 - rpt of 1200Z on 6933[ms]
7890 M8a Sat 1998-02-21 1300 CW id 34793 56561 55371 - rpt of 1200Z on 6933
7890 M8a Sat 1998-02-28 1300 CW ID 10162 42292 43172 - rpt of 1200Z on 6933
7918 MOSSAD/E10 0200 Mon 5/31/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Tue 6/1/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Sun 5/30/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Sat 5/29/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD/E10 0200 Fri 5/28/99 YL/EE rptg YHF 5LG. (JM4)
7918 E10 1999-05-27 0200- USB YL/EE rptg YHF 5LG (JM4)
7918 E10 1999-05-26 0200- USB YL/EE rptg YHF 5LG (JM4)
7918 E10 Thu 06031999 0200 USB rptg YHF (JM4)
7918 E10 Fri 06041999 0200 USB rptg YHF (JM4)

7918 E10 1999-06-06 0200-0000 USB rptg YHF (JM4)
7918 E10 Sun 06061999 0200 USB rptg YHF (JM4)
7918 E10 Mon 06071999 0200 USB rptg YHF (JM4)
7918 E10 Thu 06101999 0200 USB rptg YHF (JM4)
7918 E10 Sat 06121999 0200 USB rptg YHF (JM4)
7918 E10 Fri 03261999 0200 USB rptg YHF (JM4)
7918 E10 Sat 03271999 0200 USB rptg YHF (JM4)
7918 E10 Sun 03211999 0200 USB rptg YHF (JM4)
7918 E10 Mon 03221999 0200 USB rptg YHF (JM4)
7918 E10 Thu 03251999 0200 USB YHF? in progress (JM4)
7918 E10 Sun 03281999 0200 USB rptg YHF (JM4)
7918 E10 Tue 06151999 0203 USB Weak (GMH)
7918 E10 Tue 06151999 0230 USB YL/EE rptg YHF (GMH)
7918 E10 Wed 06161999 0205 USB Very weak (GMH)
7918 E10 Wed 06161999 0231 USB YL/EE rptg YHF (GMH)
7918 MOSSAD E10 0200 Sat 6/19/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD E10 0200 Sun 6/20/99 YL/EE rptg YHF 5LG. (JM4)
7918 MOSSAD E10 0100 Mon 6/21/99 YL/EE rptg YHF 5LG. (JM4)
7918 E10 Mon 1999-06-21 200 USB YHF
7918 MOSSAD/E10 0200 Tue 6/22/99 YL/EE rptg YHF 5LG. (JM4)
7918 E10 Tue 1999-06-22 0200 USB YHF
7918 E10 Sat 1999-06-26 0200 USB YHF 88 GTUSD
7918 E10 Sat 1999-06-26 0230 USB YHF 81 BSSRG
7918 E10 Sat 1999-06-26 1600 USB YHF 2 msgs: 87 PGJEB 76 TOIRY
7918 M10 Sat 1998-02-28 0205 USB (IN PROGRESS) - 49 GROUP MSG -
5LG - YL/EE - MOSSAD
7918 E10 Sun 1999-06-27 0200 USB YHF
7918 E10 Wed 1999-06-23 0200 USB YHF
7918 E10 YHF Fri 1999-06-25 0200
7918 E10 Thu 1999-06-24 0200 USB YHF
7918 E10 Mon 1999-06-28 0200 USB YHF
7927 M13 Thu 1999-02-25 2100 CW 714 = 173 22 =cs]
7962 Mossad 25.05.1999 UTC 17:09AMYL/EE msg QSVBJMOA
7962 Mossad 25.05.199917:09 AM YL/EE Msg QSVBJMOA [ds]
7997 E10 28.05.1999 UTC 16:40AMYL/EE msg AEPQXTW-
7997 E10 28.05.1999 16:40 AM YL/EE msg AEPQXTW[ds]
8009 M8a Sun 1998-02-15 205 CW ID ----- 59703 99703 - (IN PROGRESS)
8013 V2a Fri 1998-02-06 2312 AM YL/SS - (IN PROGRESS) [ms]
8013 V2a Fri 1998-02-13 2300 AM ID 77392 85342 70421 - YL/SS [ms]
8013 V2a Fri 1998-02-20 2300 AM ID 47831 53852 87821 - YL/SS
8025 E18 21.22 GMT LSB- YL/EE 5LG It stopped shortly at 21.55 ,
then 10 x "307" was given,followed by "numbers" and again
in 5lgs [larsen]
8025 E18 saturday 21.22 LSB in progress, 5fg, the english version
of "Edna Sednitzer" probably from Bulgaria [al]
8025 E18 Sun 06061999 2104 LSB ID 307 Still in progress 1 hour later]
8025 E18 Thu 06101999 2101 LSB Id 307 Number 139 group 074[d]
8025 E5 Mon 1999-06-21 17 AM 067 V.STRONG[sg]

8033 M3 Tue 1999-02-23 1300 CW 183 00 cs]
8063 G16 Sat 06191999 2030 USB Golf Kilo []
8067 M8a Sun 1997-12-28 1100 CW ID 57912 70393 68551 [ms]
8067 M8a Mon 1997-12-29 1100 CW ID 57913 68552 48071 - rpt of 1008Z
on 6786 [ms]
8067 M8a Tue 1998-02-03 1100 CW ID 66122 41141 70793 - rpt of 1000Z
on 6786[ms]
8079 M13 Fri 1999-02-26 1600 CW 228 = 173 20 =cs]
8079 M13 Thu 1999-02-25 1800 CW 228 = 173 20 =cs]
8079 M12 Tue 1999-02-23 1850 CW 407x3 1 7052 90[cs]
8085 E-05 T.C.S. THU 06/10/99 17.00 293 V.STRONG [sg]
8085 E5 Mon 06141999 1706 USB //9219 Id 293 count 82 dar]
8097 M8 Fri 1999-02-26 0800 CW 55861 82871 92862[cs]
8097 M8 Wed 1999-02-24 0800 CW 88041 71742 71783[cs]
8097 M8 Wed 1999-09-22 0800 CW 38194 59294 71781[cs]
8112 ? Sun 1998-02-22 2300 CW 458 BT 161 18 BT (SENDS 18 GROUP MSG, T=0, RPTS
CALLUP AND MSG AGAIN, THEN "BT 0
8135 M8a Sat 1998-02-14 0200CW ID 30862 59702 99702[ms]
8135 M8a Sat 1998-02-14 1200CW ID 03151 62862 88731 [ms]
8135 M8a Sat 1998-02-21 1200 CW ID 27231 08921 13983
8135 M8a Sat 1998-02-28 1200 CW ID 27233 45232 52692 - rpt of 1100Z on 6786
8136 M8a Sat 06191999 1100CW ID 03451 30661 40032 [ms]
8136 M8 Sun 1999-02-28 1000 CW 16062 63792 66451 cs]
8136 M8 Sun 1999-02-28 0820 CW IP Last 58663[cs]
8136 M8 Sat 1999-02-27 800 CW 23842 82872 92863[cs]
8136 M8 Thu 1999-02-25 0800 CW 85411 71743 92861 [cs]
8136 M8 Tue 1999-02-23 0800 CW 04191 71741 71782[cs]
8136 M8a Sat 1997-09-13 1200 CW ID 59961 26213 49442[ms]
8136 M8a Sat 1999-06-26 1100 CW ID 03453 77562 03661
8136 M8a Tue 1998-02-17 0129 CW (IN PROGRESS)
8136 M8a Mon 1998-02-23 0104 CW (IN PROGRESS)
8136 M8a Tue 1998-02-24 100CW ID 38403 15243 07163
8136 M8a Sun 1999-06-27 1000 CW ID 26613 70943 54032
8137 M8a Sat 1999-06-26 0836 CW (IN PROGRESS)
8137 M8a Sun 1999-06-27 0800 CW ID 70601 80381 62582 - rpt of
0700Z on 9064
8158 M42 Sat 1997-11-01 0245 RTTY FAPSI GMN link w/ 5L msg
8160 E17 Sat 03201999 0300 AM rptg 571 571 571 00000 (JM4)
8172 ? Sun 1998-02-22 1304 CW (IN PROGRESS) - T=0 5FGx2
8187 M8a Sat 1997-09-13 1100 CW ID 96532 86691 20632 - rpt of
1000Z on 6826[ms]
8187 M8a Sat 1998-02-28 1100 CW ID 74781 12661 87633
8188 wedish Rhapsody (E23), 1237 (May 17) USB in progress (AB)
8188 E-23? THU 06/10/99 12.01 ONLY JUST AUDIBLE [sg]
8189 Mon (042699) 2010 AM Sked 919 Null msg format (DR)
8190 M10 2F 2/3F 000, 1800Z, 050299, 555(3) 633(3) 42 801(3) 12 (hfd)
8190 M10 Sun 05301999 1800 CW 555x3 633x3 120 801x3 36
8307 m23 favours 5f AR, 1400Z, 052399, 579, //9285 (hfd)

8307 M23 favours 5f AR, 0800Z, 050999, 579 (hfd)
8307 M23 Sun 05301999 1400 CW 579 R10 9285 Repeat Daily
8307 M23 Sun 1999-02-21 0800 CW 579 R10 9285cs]
8307 M23 Sun 1999-02-28 1400 CW 579 R 10 9285cs]
8307 M23 Sun 1999-02-28 0800 CW Nil Heard Ditto 9285 [cs]
8307 M23 Wed 1999-02-24 0800 CW Nil Heard Ditto 9285 [cs]
8307 M23 Sun 1999-02-21 1400 CW 579 R109285cs]
8437 M22 Sat 1999-06-26 0200 CW ID 4XZ - //10046 - 10355/14648
SENDING TFC
8610 Mossad 25.05.1999 UTC 17:07AMYL/EEmsgQAJQAFIT-
8749 V2 Sun 03211999 0400 AM rptg 959/06 06/53 (JM4)
9001 Unid 26.05.1999 05:30 LSB YL/EE msg : 64762,64762[ds]
9024 V2 Tue 1998-02-24 815 AM ID 348 05 - YL/SS - 5FG
9040 G16 Tue 06151999 2040 USB In progress[d]
9062.5 M8a Fri 06111999 0500 CW in progress (JM4)
9062.8 M8a 0508 17 wpm CW aeiudgmnrwt cut #'s 5 lgps, S+10
(May 23 1999)(PL00)
9063 V2a Thu 03251999 0200 AM in progress (JM4)
9064 M8 Sun 05301999 0700 CW 24622 51903 11561
9064 M8a Sun 1999-06-27 700 CW ID 70601 80381 62582
9064 M8a 0700 Sun 6/20/99 in progress. (JM4)
9064 M8 Sun 1999-06-27 700CW
9090 E5 Sun 1998-02-15 2100 USB ID 889 - TCS YL/EE - 102 GROUP MSG
9130 Israeli Intel - E10, ISR 2140 (May 27) AM in progress (AB)
9130 E10 Wed 06091999 0100 USB //? rptg EZI another freq change (JM4)
9130 E10 Thu 06101999 0100 USB //? rptg EZI (JM4)
9130 E10 Fri 06111999 0100 USB // not heard rptg EZI (JM4)
9130 E10 Sat 03271999 0100 USB //11565 rptg EZI (JM4)
9130 E10 Sun 03211999 0100 USB //11565 rptg EZI (JM4)
9130 E10 Mon 03291999 0100 USB //11565 rptg EZI (JM4)
9130 E10 Sat 03201999 0100 USB //11565 rptg EZI (JM4)
9130 E10 Wed 06161999 0100 USB In prog; jAMming (?) on at :14 (GMH)
9130 E10 Wed 06161999 2235 USB In progress // 6840 MD/USA (cs)
9130 MOSSAD E10 0100 Sat 6/19/99 YL/EE rptg EZI 5LG. (JM4)
9130 MOSSAD E10 0100 Sun 6/20/99 YL/EE rptg EZI 5LG. (JM4)
9130 E10 Tue 1999-06-22 0100 USB//6840 EZI
9130 E10 Sat 1999-06-26 0100 USB //6840 EZI
9130 E10 Thu 1999-06-24 2230 USB EZI1
9130 E10 Sat 1999-06-26 0100 USB ULX 24 IFLZJ
9130 E10 Sat 1999-06-26 1730 USB EZI 2 msgs: 58 UICWU 72 ROMAP
9130 E10 Wed 1999-06-23 0100 USB //6840 EZI
9130 E10 Wed 1999-06-23 2200 USB EZI2
9130 E10 Wed 1999-06-23 2230 USB EZI 87 RQZVY
9130 E10 Thu 1999-06-24 0100 USB//6840 EZI
9135 ? Tue 1998-02-24 4 CW (IN PROGRESS) - 5FGx2 - T=0
9145 E17 Mon 03221999 0300 AM i/p down w/804 804 93 93 00000 (JM4)
9152 M8a Sat 06191999 1203CW ID ----- 30661 40032 - rpt of 1100Z
on 8136 [ms]

9152 M8a Sat 1999-06-26 1200 CW id 03453 77562 03661 - rpt of 1100Z
 on 8136
 9153 M8 Mon 05311999 0700 CW 24613 69901 11562
 9153 M8 Mon 05311999 1000 CW 01693 91852 79192
 9153 V2 Sun 06131999 1100 AM "Atencion 962 03" then "03 100" then
 5FG, 2 finals, "Atencion 962 03", "03 100", 5FG, 2 finals[cs]
 9153 V2 Sat 06191999 1008 AM In progress - missed call [ms]
 9153 M8 Fri 1999-02-26 1000 CW 37693 78703 43492[cs]
 9153 M8 Fri 1999-02-26 0700 CW IP[cs]
 9153 M8 Wed 1999-02-24 1000 CW IP [cs]
 9153 M8 Wed 1999-09-22 1003 CW 30763 62341 51993 [cs]
 9153 M8 Wed 1999-09-22 0728 CW IP Started later than 0710[cs]
 9153 V2 Sun 1999-06-20 1100 AM id 962 03 - YL/SS[ms]
 9153 V2 Sun 1999-06-27 1100 AM ID 962 03 - YL/SS
 9160 E10 Mon 06141999 0100 USB EZIcs]
 9217 E17 Fri 03261999 0215 AM rptg 598, then 610 610 42 42 (JM4)
 9219 E05 T.C.S. THU 06/10/99 17.00 293 82 V.STRONG[sg]
 9219 E5 Mon 1999-06-21 17 AM067 COUNT 121 V.STRONG [sg]
 9219 E5 Mon 1998-02-23 2000 USB ID 142 - TCS - YL/EE - 176 GROUP MSG
 9220 E17 Sun 03281999 0400 AM down w/749 749 25 25 00000 (JM4)
 9220 E17 Mon 03291999 0400 AM rptg 386, then 749 749 25 25 (JM4)
 9238 M8 Mon 05311999 0900 CW 01713 67691 69921
 9238 M8 Sun 1999-02-28 1100 CW 16062 63792 66451 cs]
 9238 M8 Thu 1999-02-25 700 CW 85411 71743 92861[cs]
 9238 M8 Wed 1999-02-24 900CW 94991 17442 57622[cs]
 9238 M8 Tue 1999-02-23 1000 CW 15434 51954 36701 [cs]
 9238 M8 Tue 1999-02-23 700 CW IP [cs]
 9238 M8 Wed 1999-09-22 900CW ????? 53554 60134[cs]
 9239 M8 Sun 06131999 1130 CW cut numbers in progress, very weak,
 perhaps not from Cuba?[cs]
 9239 M8 Sun 1999-06-20 1100CWcs]
 9239 M8a Sun 1999-06-20 1100 CW id 18742 15862 02951 - rpt of 1004Z
 ON 8136ms]
 9250 LP 08.06.1999 00:23 AM female english Msg:0071100 [ds]
 9251 Lincolnshire Poacher - E3, CYP 2143 (May 27) USB in progress (AB)
 9251 E3 Sun 06061999 2100 USB // 6959 cs]
 9251 E3 Sun 06131999 2100 USB // 6959[cs]
 9251 E3 Sun 06131999 2100 USB Very weak sd]
 9251 E3 Wed 06161999 2237 USB // 12603, 7337 MD/USA (cs)
 9251 E3 Thu 1999-06-24 2200 USB id 58779
 9251 E3 Wed 1999-06-23 2200 USB hashed signal from 2203 until eot
 9260 V2 Wed 1999-06-23 200 AM rptg 616/04 and 04/55
 9264 4XZ M22 0100 Mon 5/31/99 CW id VVV de 4XZ BT BT (JM4)
 9268 V2 Tue 06081999 0400 AM 958/05 05/51 (JM4)
 9268 Atencion/V2 0400 Tue 6/22/99 YL/SS rptg 958/05 and 05/42 5FG
 (JM4)
 9268 V2 Tue 1999-06-22 400 AM rptg 958/05 and 05/42
 9270 E10 13.06.1999 14:50 UTC AM female:english Msg: SEN2 [ds]

9285 M23 favours 5f AR, 1400Z, 052399, 579, //8307 (hfd)
 9323 M8 Sun 06131999 0900 CW[cs]
 9323 M8a Sat 06191999 1000CW ID 18741 66431 30313 [ms]
 9323 M8a Sat 1999-06-26 1000 CW id 26612 78671 54031
 9323 M8a Sun 1999-06-27 900CW id 93061 42871 76461
 9323 V2a Thu 1999-06-24 400 AM? carrier up; no audio appeared
 9325 M8 Sun 1999-02-28 900 CW ????? 32533 58663[cs]
 9330 M8a Mon 06071999 0400CW in progress - note new freq (JM4)
 9330 M8a Sat 06191999 0505CW ID ----- 05973 79563 - rpt of 0400Z
 on 10125 [ms]
 9330 M8a Sun 1999-06-20 1223 CW ID ----- 24153ms]
 9330 M8a Sun 1997-09-14 1200 CW id 29481 65412 26432 [ms]
 9330 M8a Sat 1999-06-26 500 CW ID 70941 78581 77561
 9330 M8a Sat 1999-06-26 1004 CW id ----- 86613 88271 - (IN PROGRESS)
 9330.5 M8a Wed 06091999 0400 CW in progress. (JM4)
 9331 V2a Wed 06091999 0500 AM in progress (JM4)
 9331 V2 Mon 06141999 0626 AM Spanish Lady YL/SS in progress sd]
 9382 Mossad stn w traffic 1621* [z1]
 9450 G16 Mon 1984-04-02 1430 USB "LU" was used.GG/YL
 9450 G16 Wed 1984-04-04 1430 USB "LU" was used.GG/YL
 9450 G16 Fri 1984-04-20 1430 USB "BE" was used.GG/YL
 9450 G16 Fri 1984-04-20 2100 USB "BE" was used.GG/YL
 9454 M10 Tue 1999-02-23 1500 CW 555x3 434x3 26cs]
 9930 M10E Sun 05301999 2100 CW 111x3 29810x3 20x3
 9982 Mon (042699) 2002 AM Sked 919 Null msg format (DR)
 10046 M22 Sun 1999-06-20 0100 CW rptg VVV DE 4XZ BT BT - //10355
 & 14648[ms]
 10046 M22 Sat 1999-06-26 0200 CW id 4XZ - //8437 - 10355/14648
 SENDING TFC
 10120 Atencion/V2a? 0400 Tue 6/1/99 carrier up for regular broadcast
 - no audio appeared. (JM4)
 10125 M8a Sat 06191999 0400CW ID 07013 05973 79563 [ms]
 10126 M8a Sat 06191999 0900CW ID 94091 62492 23732 [ms]
 10126 M8a Sat 1999-06-26 0900 CW id 54453 96373 72343
 10126 V2a Thu 1998-02-26 0100 AM id 96481 16862 62872 - YL/SS
 10127 M8 Sat 1999-02-27 0900 CW 05081 32532 58662 [cs]
 10127 M8 Fri 1999-02-26 1100 CW 37693 78703 43492[cs]
 10127 M8 Fri 1999-02-26 0900 CW IP Underneath strong RTTY[cs]
 10127 M8 Wed 1999-02-24 1100 CW IP [cs]
 10127 M8 Tue 1999-02-23 0900 CW 13154 17441 57621 [cs]
 10127 M8 Wed 1999-09-22 1100 CW 30763 62341 51993[cs]
 10234 Atencion V2a 0400 Tue 6/21/99 YL/SS rptg A 05063 13561 08653
 5FG. (JM4)
 10234 V2a Mon 1999-06-21 0400 AMrptg A 05063 13561 08653 (JM4)
 10235 M8a Sun 1999-06-27 0422 CW (IN PROGRESS)
 10235.5 M8 0400 Tue 6/1/99 5LG in progress. (JM4)
 10235.5 M8a 0400 Sun 6/20/99 in progress. (JM4)
 10236 M8 Sun 05301999 0800 CW ????? 93013 19183

10236 V2a Mon 03291999 0300 AM rptg 60333 83_12 2910_ (JM4)
10237 M8 Sun 1999-02-28 0800 CW 55863 82873 98011cs]
10237 M8 Sun 1999-02-21 0900 CW 13152 53553 60133cs]
10237 M8 Sun 1999-02-21 0800 CW 13152 53553 60133[cs]
10240 English Man - E6, RUS 2112 (May 27) AM in progress (AB)
10248.9 8BY 0451 24.6 wpm CW vvv 8BY 612/099/384 (May 23 1999)(PL00)
10252 E17 Sun 03281999 0200 AM down w/183 183 265 265 00000 (JM4)
10280 V7 1999-05-28 2000-2003 AM 749 000
10323 M10E Mon 05311999 1400 CW 111x3 42824x3 20x3
10344.5 M8a Thu 06101999 0300 CW new frequency in progress (JM4)
10346 M8a Sat 06191999 1106CW ID ----- 66431 30313 - rpt of 1000Z
on 9323 [ms]
10346 M8a Sat 1999-06-26 1100 CW id 26612 78671 54031 - rpt of 1000Z
on 9323
10355 M22 Wed 06161999 2238 CW VVV DE 4XZ Marker MD/USA (cs)
10355 M22 Sat 06191999 0110 CW repeating VVV DE 4XZ BT BT [ms]
10355 M22 Sat 06191999 0410 CW repeating VVV DE 4XZ BT BT -
//14648 [ms]
10355 M22 Sun 1999-06-20 0100 CW rptg VVV DE 4XZ BT BT - //10046
& 14648[ms]
10355 M22 Sat 1999-06-26 0200 CW ID 4XZ - //14648 - IN TFC - 8437/
10046 NOT SENDING FC
10356 M22 Wed 06091999 0418 CW 4XZ marker (JM4)
10356 M22 0100 Sat 6/19/99 4XZ marker. (JM4)
10356 M22 0100 Sun 6/20/99 4XZ marker. (JM4)
10356 M22 0100 Mon 6/21/99 4XZ marker. (JM4)
10356 M22 Mon 1999-06-21 100 CW4XZ marker (JM4)
10356 M22 0100 Tue 6/22/99 4XZ marker. (JM4)
10356 M22 Tue 1999-06-22 100 CW4XZ marker
10356 M22 Sat 1999-06-26 0 CW 4XZ in traffic
10356 M22 Wed 1999-06-23 0CW 4XZ in traffic
10356 M22 Fri 1999-06-25 100 CW4XZ in traffic
10356 M22 Fri 1999-06-25 2300 CW4XZ in traffic
10356 M22 Thu 1999-06-24 0 CW4XZ in traffic
10356 M22 Thu 1999-06-24 2300 CW 4XZ in traffic
10356 M22 Mon 1999-06-28 200 CW 4XZ in traffic
10387 E7 Wed 06091999 2040 AM Repeat of 2000d]
10387 E7 Mon 06141999 2040 AM Sked 343 DK 614 GC 44dar]
10387 E7 Mon 06141999 2040 AM English Man OM/EE call-up 343 id 614
grp 44[sd]
10387 E7 Wed 06161999 2040 AM Morse transmission kicked in as
announcer spoke "zero, zero, zero (gareth)
10423 E5 Fri 06111999 1600 USB //15822 Id 679 count 131 [sg]
10423 E5 Sun 06131999 2200 AM ID 186 // 12197[cs]
10423 E5 Sun 06131999 2203 USB //12197 Id 186 count 122dar]
10423 E5 Sun 06131999 2200 USB YL/EE rptg 186 x3 1234567890 count
?? into 3/2Fg
10423 Poacher? 3+2 fgs EG 1633 [z1]

10423 E5 Fri 1999-06-25 1600 USB "603-603-603-1234567890" readable,
but RTTY in the background
10423 E5 Sun 1999-06-27 1637 USB in progress
10425 Poacher? 5 fgs 1633 [zl]
10426 E3 Sat 1999-06-26 1400 USB GG id 75049 81422 ...
10426 E3 Sun 1999-06-27 1637 USB slightly jAMmed
10426 E3 Mon 1999-06-28 1400 USB //12603//14487 rptg 54587
10445 Unid 3:17 UTC 26.05.1999 YL/SS 5FG End w/ "Final Final" [dr]
10446 Atencion/V2a 0300 Mon 5/31/99 YL/SS 5FG in progress. Note
new schedule - 6826 silent. (JM4)
10446 V2a Wed 06091999 0300 AM rptg 91084 36213 49581 (JM4)
10446 Atencion V2a 0300 Mon 6/21/99 YL/SS rptg A 55403 64542 62563
5FG. (JM4)
10446 V2a Mon 1999-06-21 300 AMrptg A 55403 64542 62563 (JM4)
10446 V2a Wed 1999-06-23 300 AM in progress
10446 V2a Mon 1999-06-28 300 AMin progress mixing w/M8a broadcast
10448 M8 Thu 1999-02-25 1100 CW 78702 49832 43491 [cs]
10448 M8 Tue 1999-02-23 1100 CW 01434 51252 36701[cs]
10529 E5 Sat 1998-02-14 1300 USB ID 486 - 215 GROUP MSG - TCS -
YL/EE - //7547 [ms]
10565 M8a Sun 1997-09-14 1300 CW id 29481 65412 26432 - rpt of 1200Z
on 9330[ms]
10566 M8a Sun 1999-06-27 1300 CW id 40883 65882 64851
10583 E5 Tue 06081999 2100 USB "105-105-105-1234567890""Count 112".
Signal strength boomed at 2128. [ba]
10583 E5 Tue 1999-06-22 21 USB875 COUNT 96
10620 747.3f 5f AR AR SK SK (formerly M53) M40, 2000Z, 050299,
vvv cq 747.492 (hfd)
10620 M3 Mon 05311999 0800 CW 503 00
10648 E10 Sat 1999-06-26 1600 USB YHF 2 msgs: 87 PGJEB 76 TOIRY
10648 E10 Sat 1999-06-26 1630 USB in progress
10648 E10 Sun 1999-06-27 1620 USB msg in progress
10665 TCS/V5 //11491 0300 Mon 5/31/99 YL/SS rptg 065 Grupo 121
3/2FG. (JM4)
10665 V5 //114910300Z THU 052799 (BR)
10665 V5 Mon 06071999 0300 AM //11491 rptg 065 Grupo 121 (JM4)
10665 V5 Thu 06101999 0300 AM //11491 rptg 065 Grupo 121 (JM4)
10665 V5 Mon 03221999 0300 AM //11491 rptg 609 Grupo 110 (JM4)
10665 V5 Mon 03291999 0300 AM //11491 rptg 038 Grupo 152 (JM4)
10665 //11491 The Counting Station V5 0300 Tue 6/21/99 YL/SS rptg
065 Grupo 121 (JM4)
10665 V5 Mon 1999-06-21 300 AM//11491 rptg 065 Grupo 121 (JM4)
10665 V5 Thu 1999-06-24 300 AM//11491 rptg 065 Grupo 121
10665 V5 Mon 1999-06-28 300 AM //11491 rptg 065 Grupo 121
10713 V7 Tue 05251999 0601 AM Spanish Man OM/SS call-up 725 id
1613 grp 88 [sd]
10720 M3 Tue 1999-02-23 900 CW 503 00[cs]
10740 Two-Letter German/G16 0400 Sun 5/30/99 YL/GG rptg Whiskey Lima

with electronic tune. At 0405, ...522; 522 57 gruppen...
Achtung! and into 3/2FGx2. (JM4)

10774 E7 Mon 05311999 2010 AM English Man 172 000 (ab)
10774 Mon (051799) 2011 AM Sked 172 Null msg format (DR)
10820 E10 Fri 01011999 0021 USB VLBC2 string - //14750 kHz [ld]
10858 M8a Sat 06191999 1200CW ID 30291 47233 24152 [ms]
10858 M8a Sat 1997-09-13 1200 CW id 91993 65411 26531 [ms]
10858 M8a Sat 1999-06-26 1200 CW id 40882 65881 23513
10947 E7 Tue 06151999 2140 AM Sked 320 DK 2284 GC 47 [d]
10966 M10 Sun 05301999 1920 CW 555x3 968x3 30 652x3 22
11072 E-05 T.C.S. THU 06/10/99 18.00 993 126[sg]
11072 E5 Sun 06131999 1800 USB ID 993 // 13465[cs]
11072 E5 Sun 1999-06-20 18 AM993[sg]
11103 M22 Wed 06091999 0120 CW 4XZ marker (JM4)
11103 M22 Thu 06101999 0300 CW 4XZ in progress (JM4)
11103 M22 Fri 06111999 0300 CW 4XZ marker (JM4)
11103 M22 Sat 06121999 0200 CW 4XZ marker (JM4)
11108 E16 Sun 02151998 2000 USB rptg BL extremely weak (JM4)
11147 V7 Thu 06101999 0600 AM Spanish Man OM/SS null msg "118 118
118 000"[sd]
11147 V7 Tue 06151999 0616 AM Spanish Man OM/SS in progress[sd]
11147 V7 Tue 1999-06-22 0600 AM Spanish Man OM/SS null msg "118
118 118 000"
11209 XM Tue 06081999 0426 ?? whales - new frequency (JM4)
11209 XM Wed 06091999 0400 ?? whales (JM4)
11424 E7 Wed 06091999 2020 AM repeat of 2000 d]
11424 E7 Mon 06141999 2019 AM Sked 343 DK 614 GC 44 dar]
11424 E7 Mon 06141999 2020 AM English Man OM/EE call-up 343 id
614 grp 44 sd]
11425 E7 343 x 3 000 ny OM 0AM 2012(21.6) [zl]
11430 V13 Mon 1999-06-28 1200 AM in progress
11430 V13 Mon 1999-06-28 1500 AM in progress
11448 M12 Tue 06081999 0428 CW down w/000 000 (0=T) (JM4)
11460.4 FAPSI 1633 rtty 75/500 5LG on Link 60047 (31/May) (RH2)
11460.4 FAPSI 1641 rtty 75/500 5LG - no Link seen but prob. 60047!
(02/Jun) (RH2)
11491 TCS/V5 //10665 0300 Mon 5/31/99 YL/SS rptg 065 Grupo 121
3/2FG. (JM4)
11491 E5 //14421 0200Z WED 052699 (BR)
11491 V5 //114910300Z THU 052799 (BR)
11491 E5 1999-05-27 0200- AM YL/EE rptg 295 Count 70 3/2FG //
14421 (JM4)
11491 E5 //14421 1999-05-26 0200-AM YL/EE rptg 295 Count 70
3/2FG (JM4)
11491 V5 Mon 06141999 0300 USB YL/SS rptg 065 x3 1234567890 grupo 121
into 3/2FG; repeat at :20[sd]
11491 V5 Mon 1999-06-21 0300 AM//10665 rptg 065 Grupo 121 (JM4)
11491 V5 Thu 1999-06-24 0300 AM//10665 rptg 065 Grupo 121

11491 V5 Mon 1999-06-28 0300 AM //10665 rptg 065 Grupo 121
11498 E6 Mon 1999-06-28 0300 AM already in progress. 00000 at 0315
11523 M42 Thu 1996-06-27 0045 RTTY FAPSI GMN link, no msg sent
11545 E3 Fri 03261999 1500 USB //12603//13375 rptg 61899 (JM4)
11545 E3 Sat 03271999 1500 USB //12603//13375 rptg 28963 (JM4)
11545 E3 Sun 03281999 1500 USB //12603//13375 rptg 11091 (JM4)
11545 E3 Sat 1999-06-26 1400 USB GG id 75049 81422 ...
11545 E3 Sat 1999-06-26 1500 USB GG id 58779
11554 Polytone stn - XPH, RUS 0600 (May 28) TONES (AB)
11554 XPH Tue 05251999 0602 AM High Pitched Polytone[sd]
11565 E10 Fri 03261999 0100 USB rptg EZI (JM4)
11565 E10 Mon 03221999 0100 USB rptg EZI (JM4)
11565 E10 Wed 03311999 0100 USB rptg EZI (JM4)
11565 E10 Fri 03191999 0100 USB rptg EZI (JM4)
11566 Atencion/V2a 0300 Fri 5/28/99 YL/SS rptg A 28809 42502 53842
5FG. (JM4)
11566 V2a Fri 06041999 0300 AM rptg 91082 91522 64011 (JM4)
11566 V2a Fri 06111999 0300 AM rptg 91085 49582 64013 (JM4)
11566 V2a Fri 03191999 0300 AM in progress (JM4)
11566 E10 Tue 06151999 0432 AM YL/EE rpg EZI (GMH)
11617 G16 Sun 1984-04-15 2100 USB "TE" was used.GG/YL
11620 Mossad 25.05.1999UTC 22:34 AM Female/ English msg EZI2
12004 E10 08.06.1999 20:43 AM female english Msg:HVEMLM [ds]
12093 M8a Sat 06191999 1300CW ID 30291 47233 24152 - rpt of 1200Z
on 10858 [ms]
12093 M8a Sat 1997-09-13 1300 CW id 91993 65411 26531 - rpt of
1200Z on 10858ms]
12126 S7 Tue 06151999 2116 AM In progress Very weak d]
12135 V2a 1999-05-27 0200- AM YL/SS rptg A 58342 15122 10221
5FG. (JM4)
12135 V2a Thu 06031999 0200 AM rptg 80001 15123 10222 (JM4)
12135 V2a Thu 06101999 0200 AM rptg 40003 85151 10223 - sent
in CW mode!
12135 V2a Thu 1999-06-24 200 AM late start - no call-up
12147 V7 Thu 06101999 0614 AM Spanish Man OM/SS null msg "118 118
118 000" sd]
12147 V7 Tue 06151999 0620 AM Spanish Man OM/SS call-up 118 id 402
grp 117 sd]
12147 V7 Thu 1999-06-17 0640 AM Spanish Man OM/SS call-up 118 id
402 grp 117
12147 V7 Tue 1999-06-22 0610 AM Spanish Man OM/SS null msg "118 118
118 000"
12147 V7 Thu 1999-06-24 0610 AM Spanish Man OM/SS null msg "118 118
118 000"
12165 Atencion/V2a 0200 Mon 5/31/99 YL/SS rptg A 42503 52292 61213
5FG. (JM4)
12165 V2a Mon 06071999 0200 AM rptg 91523 52293 62561 (JM4)
12165 Atencion V2a 0200 Mon 6/21/99 YL/SS rptg A 55403 64542 62563

5FG. (JM4)

12165 V2a Mon 1999-06-21 0200 AM rptg A 55403 64542 62563 (JM4)

12165 V2a Mon 1999-06-28 0200 AMrptg 82523 64543 25331

12173 XPH Fri 06041999 0600 Avila, Spain AM 149x3 1 03932 00131 5fgvm]

12173 XPH Tue 1999-06-22 0600 AM VM 149x3 1 01463 00131 5fg

12173 XPH Tue 1999-06-22 0600 AM High Pitched Polytone

12173 XPH Fri 1999-06-25 0603 AM High Pitched Polytone in progress

12178 Mon (051799) 2003 AM Sked 172 Null msg format (DR)

12180 V2 0200Z WED 052699 (BR)

12180 V2a Wed 06091999 0200 AM in progress (JM4)

12180 V2a Wed 06161999 0200 AM YL/SS rptg Atencion 91087 32731
55401 (GMH)

12180 V2a Wed 1999-06-23 200 AMrptg 60933 32532 82521

12184 Unid (M14?) 6/13/99 2206-2213 CW 15 wpm, sent T for 0.
End of tx : ...73411 BT BT 17T 17T 223 223 T T T T T . [cs]

12184 M14? Sun 06131999 2106 CW 5FG, T for 0, closed with BT BT
17T 17T 223 223 T T T T Tcs]

12184 M14 Sat 1999-06-26 22000 CW

12186 E7 Mon 05311999 200002000 AM 172 000(ab)

12196 M42 Thu 1997-03-27 1951 RTTY 5L grps, possible FAPSI station

12197 E5 Sun 06131999 2200 AM ID 186 // 10423 [cs]

12197 E5 Mon 06141999 2000 USB Id 845 count 141[dar]

12197 E7 Tue 06151999 2120 AM Sked 320 DK 2284 GC 47 [d]

12197 E5 Wed 06161999 2200 AM END at 2233 MD/USA (cs)

12197 E05 3+2 fgs YL -AM 2014 (21.6) [z1]

12200 S6 Mon 06141999 2115 AM Sked 498 null msg format Northern
Russian voice[dar]

12204.5 FAPSI 1634 Crowd36 Classic pre-Tx tinkles but no Tx! SAME
on 11072.5 later (02/Jun) (RH2)

12204.5 FAPSI 1634 Crowd36 Classic pre-Tx tinkles but no Tx!SAME on
11072.5 later (02/Jun) (RH2)

12210 Sun 06131999 2100 AM Russian Man cs]

12210 G16 Sun 1984-04-15 2100 USB GG/YL

12213 V7 Tue 05251999 0620 AM Spanish Man OM/SS call-up 725 id
1613 grp 88[sd]

12215 V2 0000Z SAT 052999 (BR)

12215 Atencion/V2a 0000 Sat 5/29/99 YL/SS rptg A 89992 98953 45822
5FG. (JM4)

12215 Atencion/V2a 0200 Fri 5/28/99 YL/SS rptg A 28809 42502 53842
5FG. (JM4)

12215 V2a Fri 06041999 0200 AM rptg 91082 91522 64011 (JM4)

12215 V2a Fri 06111999 0200 AM rptg 91085 49582 64013 (JM4)

12215 V2a Sat 03201999 0000 AM rptg 95521 55192 35061 (JM4)

12215 S7 Mon 06141999 2119 AM In progress 000 000 at 2125 with no
decode key or group count[dar]

12215 V2a Sat 06191999 0038 AM In progress. 3 finals [ms]

12215 V2a Sat 1999-06-26 0000 AM rptg 26103 25141 15463

12215 V2a Sat 1999-06-26 0036 AM YL/SS - (IN PROGRESS)

12215 V2a Fri 1999-06-25 0200 AM rptg 31821 82522 10191
12216 V2a Fri 06111999 0211 AM YL/SS rtpg 5Fgx1; msg 2 for 64013
at :30, msg 3 for 91823. Three finals[sd]
12229 E5 Mon 06141999 2200 USB //14432 Id 886 count 191dar]
12229 E5 Wed 06161999 2233 AM In progress MD/USA (cs)
12300.5 TCS/V5 //14421 0300 Tue 6/1/99 YL/SS rptg 729 Count 159
3/2FG. (JM4)
12300.5 V5 Tue 06081999 0300 AM //14421 rptg 729 Grupo 159 (JM4)
12300.5 V5 Sat 03271999 0300 AM //14421 rptg 788 Grupo 51 (JM4)
12300.5 //14421 The Counting Station/V5 0300 Tue 6/22/99 YL/SS rptg
729 Grupo 159 3/2FG. (JM4)
12300.5 V5 Tue 1999-06-22 0300 AM //14421 rptg 729 Grupo 159
12300.5 V5 Sat 1999-06-26 0300 AM//14421 rptg 729 Grupo 159
12345 E5 Wed 06-02-1999 0000 AM This is a test
12432 Unid 26.05.1999 05:20 USB YL/EE [ds]
12603 E3 Sat 03271999 1600 USB //13375 extremely weak (JM4)
12603 E3 Wed 06161999 2237 USB // 9251, 9339 MD/USA (cs)
12603 E3 Sat 1999-06-26 1500 USB id 58779
12603 E3 Thu 1999-06-24 1520 USB in progress,strong QRM from at
least 3 or 4 CW and pips
12603 E3 Wed 1999-06-23 2200 USB id 57592 - 10220 ...
12603 E3 Mon 1999-06-28 1400 USB //10426//14487 rptg 54587
12634 V2 Thu 06101999 0200 AM rptg 238/01 01/96 (JM4)
12634 V2 Thu 1999-06-24 200 AM rptg 238/01 and 01/64
12635 V2 1999-05-27 0200- AM YL/SS 5FG in progress. Two final at
:03, then A238/01 and 01/96 call-up and back into 5FG. Down
at :12 w/two final. (JM4)
12635 V2 Thu 06031999 0200 AM rptg 238/01 01/96 (JM4)
12747 E10 1900UT VLBB2 [ba]
12747 E10 Mon 06141999 1900 AM "VLBB2" well over 1920 [ba]
12750 VLB mossad 1646 [z1]
13312 E10 04.06.1999 UTC 01:37AM YL/EE msg 6687964 [ds]
13312 E10 04.06.1999 01:37 AM YL/EE msg 6687964[ds]
13371 FAPSI station, RTTY 500/100 (rev), cct ID 00190 in QSO With
unheard station at 1750 on 1 June.
13371 FAPSI cAME on at 1744 GMT, sent "POU" once on CW followed by
"R" then into RTTY 500/100 (rev) cct ID 00190. 2 June.[jd]
13375 E3 Sat 06121999 1600 USB "95276" [ba]
13375 E3 Sat 1999-06-26 1500 USB GG id 58779
13375 E3 Fri 1999-06-25 1500 USB "57592" //12603,which was jAMmed
but readable
13375 E3 Sat 1999-06-26 1700 USB "10250" no jAMming
13375 V2a Fri 1999-06-25 2300 AM in progress - new frequency; 12215
silent
13375 Atencion/V2a YL/SS in progress. 12215 silent. Note that 13375
is a Lincolnshire Poacher frequency. [jm4]
13375 E3 Mon 1999-06-28 1500 USB //15682 rptg 77682
13383 E7 Wed 06091999 2004 AM Key 613 Gc 44d]

13383 E7 Mon 06141999 1959 AM Sked 343 DK 614 GC 44dar]
13383 E7 Mon 06141999 2008 AM English Man OM/EE in progresssd]
13415 M10E Sun 05301999 1655 CW 111x3 24352x3 20x3
13415 M10E Mon 05311999 1655 CW On but U R
13419 M8 Tue 06151999 1818 CW Cuban cut # stn w/ 5F msg [ts]
13432.5 XF Fri 01011999 12 RTTY occasional bursts [ld]
13436 V2a Thu 06101999 0100 AM rptg 40003 85151 10223 (JM4)
13436 V2a Thu 1999-06-24 100 AMrptg 88321 85153 69552
13444 E-5 Sat 06121999 18 USB 216 COUNT 163 STRONG SIGNAL[sg]
13444 E5 Mon 06141999 1801 USB //14905 Id 346 count 91[dar]
13450 TCS/E5 //14448 1700 Sun 5/30/99 YL/EE rptg 550 Count 101
3/2FG. (JM4)
13450 E17 1999-05-29 1300- AM "379 379 379 00000" (cs)
13450 V2a Wed 05261999 0100 AM YL/SS rptg Atencion 58342 15122
10221 into 5FGx1; 3 finals at :42[gh]
13450 V2a Wed 06021999 0600 AM YL/SS rptg Atencion 66183 31182
68933 into 5FGx1
13450 V2a Wed 06101999 0600 AM YL/SS rptg Atencion 97421 31183
68933 into 5FGx1; appt repeat of 0500
13450 E-05 T.C.S. FRI 06/11/99 17.01 515 JAMMED [sg]
13450 E17 Sat 06121999 1304 AM Sked 379 QRM off data modesg]
13450 E5 Sun 06131999 1703 USB //14448 Id 515 count 171[dar]
13450 E5 Sun 1999-06-20 17 AM100 VERY STRONG JAMMING[sg]
13450 V2a Wed 06091999 0600 AM YL/SS rptg Atencion 97421 31183
68933 into 5FGx1; appt repeat of 0500
13450.1 E5 Fri 1999-06-18 17 AM100 COUNT 117 JAMMEDsg]
13452 JMS M42 FAPSi 2238Z TUE 052999 1/78 msg (BR)
13452 V5 //15651 0100Z WED 052699 (BR)
13452 JMS M42 FAPSi 2259Z FRI 052899 5/1981 msgs (BR)
13452 TCS/V5 //15651 0100 Fri 5/28/99 YL/SS rptg 719 Grupo 217
3/2FG. (JM4)
13452 V5 //15651 1999-05-26 0100- AM YL/SS rptg 719 Grupo 207
3/2FG (JM4)
13452 V5 Wed 06091999 0100 AM //14421 in progress (JM4)
13452 V5 Fri 06111999 0100 AM //15651 rptg 772 Grupo 113 (JM4)
13452 V5 Fri 03261999 0100 AM //15651 rptg 478 Grupo 112 (JM4)
13452 V5 Wed 03311999 0100 AM //15651 rptg 478 Grupo 112 (JM4)
13452 V5 Fri 03191999 0100 AM //15651 rptg 478 Grupo 112 (JM4)
13452 V5 Fri 06111999 0100 AM YL/SS rptg 772 x3 1234567890, grupo
113 into 3/2 Fg[sd]
13452 V5 Wed 06161999 0109 AM YL/SS rptg 772 x3 1234567890, grupo
113; rpt at :19 //15651? (GMH)
13452 V5 Wed 1999-06-23 0100 AM//15651 rptg 772 Grupo 113
13452 V5 Fri 1999-06-25 0100 AM//15651 rptg 772 Grupo 113
13452 V5 Fri 1999-06-25 0100 AM TCS YL/SS id 772 grupo 113 //15651
13454 Polytone stn - XPH, RUS 0620 (May 28) TONES (AB)
13454 XPH Tue 05251999 0621 AM High Pitched Polytone[sd] [sd]
13455 V5 Tue 05251999 0100 AM YL/SS rptg 719; lost at :07[gh]

13455 V5 Thu 05271999 0100 AM YL/SS rptg 719
13456 V2 1999-05-27 0100- AM YL/SS rptg A58342 15122 10221 5FG (JM4)
13465 E5 Sun 06131999 1800 USB ID 993 // 13465[cs]
13465 E5 15 Sun 1999-06-20 18 AM 993 COUNT 126sg]
13473 XPH Tue 06011999 0620 Avila, Spain AM 149x3 000[vm]
13473 XPH Tue 06151999 0620 AM High Pitched Polytone sd]
13473 XPH Tue 1999-06-22 620 AM High Pitched Polytone
13473 XPH Fri 1999-06-25 620 AM High Pitched Polytone
13513 V7 Tue 05251999 0640 AM Spanish Man OM/SS call-up 725 id 1613
grp 88[sd]
13527.5 XM Sat 03271999 0100 CW SLHFM S (JM4)
13533 MOSSAD/E10 //15980 0100 Tue 6/1/99 YL/EE rptg EZI2 until :09
then down. Note new choice of freqs 9130//11565 silent. (JM4)
13533 E10 //15980 seems to have abandoned the use of 9130//11565
at 0100. EZI is now using.(jm4)
13533 E10 Thu 06031999 0100 USB //15980 rptg EZI2 (JM4)
13533 E10 Fri 06041999 0100 USB //15980 rptg EZI2 then down (JM4)
13533 E10 Tue 06081999 0100 USB //15980 rptg EZI (JM4)
13533 E10 Sat 1999-06-26 1705 USB in progress; RTTY in the background;
tendency to fade
13555 E5 Sun 06131999 1402 USB //15372 Id 535 count 215 dar]
13620 M42 Mon 1997-02-10 2240 RTTY FAPSI JMS link w/ 2 msgs
13621 M42 Wed 1997-01-29 2240 RTTY FAPSI JMS link
13621 M42 Thu 1997-01-30 2240 RTTY FAPSI JMS link w/ msg
13621 M42 Sat 1997-02-22 2240 RTTY FAPSI JMS link w/ 5 msgs
13750 V13 Thu 1999-06-24 1300 AM in progress
13750 V13 Mon 1999-06-28 1200 AM in progress
13750 V13 Mon 1999-06-28 1400 AM in progress
13750 V13 Mon 1999-06-28 1500 AM in progress
13750 V13 Mon 1999-06-28 1600 AM in progress
13800 V2a Wed 06021999 0506 AM YL/SS rptg 5FGx1
13847 V7 Tue 06151999 0640 AM Spanish Man OM/SS call-up 118 id 402
grp 117[sd]
13901 XP Tue 06151999 2020 AM Null msg format? [d]
13901 XPH Tue 1999-06-22 2020 AM VM 692x3 000
13906 E5 //15732 1200Z WED 052699 (BR)
13906 E5 Sun 06131999 1233 AM TCS YL/EE in progress [sd]
13906 E5 Sun 1999-06-20 1200 AM TCS YL/EE id 313 count 215 //15732
13906 E5 Wed 1999-06-23 1207 AM TCS YL/EE id 947 count 215, v. weak
13921 E10 Mon 06141999 0019 USB MIW 2[ld]
13921 E10a Tue 06151999 2016 USB Id MIW2d]
13921 E10 Sat 1999-06-26 0115 USB MIW2
13921 MIW2 Sat 1999-06-26 0215 USB
13921 E10 Fri 1999-06-25 015 USBMIW2 then down; new frequency
14250 E10 04.06.1999 UTC 01:40 AM YL/EEmsg0467757449 [ds]
14421 E5 //11491 0200Z WED 052699 (BR)
14421 TCS/V5 //12300.5 0300 Tue 6/1/99 YL/SS rptg 729 Count 159
3/2FG. (JM4)

14421 E5 //11491 1999-05-26 0200-AM YL/EE rptg 295 Count 70
3/2FG (JM4)
14421 E5 Mon 05241999 0220 AM TCS YL/EE in progress //11491[sd]
14421 E5 Tue 05251999 0101 AM TCS YL/EE id 259 count 77 //11491[sd]
14421 V5 Tue 1999-06-22 0300 AM //12300.5 rptg 729 Grupo 159
14421 V5 Sat 1999-06-26 0300 AM //12300.5 rptg 729 Grupo 159
14425 E5 Sun 06131999 0021 USB ID 209 // 16343 [ld]
14425 E5 Sun 06131999 2100 AM ID 209 // 16343[cs]
14434 KRN M42 1748Z FRI 052899 1/612 msg (BR)
14441 E7 26.05.1999 04:31 AM Male/Russian msg000,431,431 [ds]
14448 TCS/E5 //13450 1700 Sun 5/30/99 YL/EE rptg 550 Count 101
3/2FG. (JM4)
14448 E05 T.C.S. FRI 06/11/99 17.00 515 171 V.WEAK [sg]
14448 E5 Sun 1999-06-20 17 AM 0100 COUNT 117sg]
14448 E5 Fri 1999-06-18 17 AM 0100 COUNT 117sg]
14450 V5 Fri 05281999 0309 AM YL/SS rptg 502, grupo 198 into 3/2Fg
14487 E03 Tue 06011999 1200 USB Lincolnshire Poacher. Id 62435 //
15682 (ab)
14487 E03 Wed 06021999 1700 USB Lincolnshire Poacher. Id 49830ab]
14487 E-03 L.POACHER THU 06/10/99 13.02 64967 JAMMED[sg]
14487 E3/e4 Sun 06131999 1335 USB very weak s1 on s meter[arqe3],
14487 E4 Sun 06131999 1200 USB Tune onlyarqe3]
14487 E4 Sun 06131999 1300 USB 99672 and 62543[arqe3]
14487 E4 Sun 06131999 1200 USB Tune only[arqe3]
14487 E4 Sun 06131999 1300 USB 99672 and 62543[arqe3]
14487 E3 Fri 06111999 1200 USB "62435" Very low signal [ba]
14487 E3 Tue 1999-06-22 1200 USB GG 58779
14487 E3 Fri 1999-06-25 1300 USB GG id 23290 02965 ...
14487 E3 Sat 1999-06-26 1300 USB GG id 23290 02965 ...
14487 E3 Sat 1999-06-26 1400 USB GG id 75049 81422 ...
14487 E3 Sun 1999-06-20 1206 USB Lincs Poacher YL/EE id 58779 //
15682//16084
14487 E3 Thu 1999-06-24 1300 USB //15682//16084 weak
14487 E3 Mon 1999-06-28 1200 USB //15682//16084 rptg 58779
14487 E3 Mon 1999-06-28 1400 USB //10426//12603 rptg 54587
14577 E5 //16198 1200Z WED 052699 (BR)
14622 G16 Mon 1984-04-02 1430 USB "KW" was used.GG/YL
14622 G16 Wed 1984-04-04 1430 USB "KW" was used.GG/YL
14648 4XZ M221999-05-30 1800-CW VVV DE marker
14648 M22 Sun 06131999 1800 CW 4XZ marker, into tfc[cs]
14648 M22 Mon 06141999 0100 CW 4XZ, End of msg, into VVV Marker[cs]
14648 M22 Sat 06191999 0410 CW repeating VVV DE 4XZ BT BT - //
10355 [ms]
14648 M22 Sun 1999-06-20 0100 CW rptg VVV DE 4XZ BT BT - //10046
& 10355[ms]
14648 M22 Sat 1999-06-26 0200 CW id 4XZ - //10355 - IN TFC - 8437/
10046 NOT SENDING TFC
14649 M22 Fri 06041999 0000CW in trfc, then VVV de 4XZ 4XZ BT BT

marker

14649 M22 0400 Tue 6/22/99 in tfc, then 4XZ marker. (JM4)

14649 M22 Tue 1999-06-22 0400CW in tfc, then 4XZ marker

14649 M22 Sat 1999-06-26 0220CW 4XZ marker

14654 Polytone stn - XPH, RUS 0640 (May 28) TONES (AB)

14654 XPH Tue 05251999 0641 AM High Pitched Polytone[sd]

14720 M42 Tue 06011999 1454 RTTY FAPSI with 6-tone selcal followed by rtty (too weak to copy) (ab)

14731 BPA M42 1515Z FRI 052899 test - no tfc (BR)

14731 BPA M42 1515Z MON 053199 test - no tfc (BR)

14739 10 dashes, 3/2F counting E05, 1300Z, 052299, 383 (hfd)

14739 10 dashes, 3/2F counting E05, 1300Z, 052299, 383 (hfd)

14739 E05 22.05.99 1300 2 10 dashes, 3/2F counting 383 [hfd]

14739 E5 Sat 06121999 1300 USB //16198 Id 427 count 215[sg]

14750 English Man AM RUSSIA Spook, 1330-, "781 781 00000" null msg, fair, slowly read, low audio. (AWH 25-May-99)

14750 E10 Fri 05281999 0516 AM Mossad YL/EE id MIW2sd]

14750 E10a Mon 06141999 1802 USB Id VLBB2 for ages. [dar]

14773 UNID CW FAPSI? stn "VVV KRO KRO KRO QRU SK" 1240 on 12 May.

14800 V2a Wed 06101999 0519 AM YL/SS rptg 5FGx1; msg 2 for 31183 at :26, msg 3 for 68933 at :40

14800 V2a Wed 06091999 0519 AM YL/SS rptg 5FGx1; msg 2 for 31183 at :26, msg 3 for 68933 at :40

14843 M42 JMS Fri 1997-11-21 2233 RTTY Unid FAPSI stn w/ 5L msg

14843 JMS M42 2230Z TUE 052599 1/78 msg (BR)

14843 M42 JMS 2230Z WED 052699 1/1606 msg (BR)

14843 M42 JMS 0000Z THU 052799 5/1079 msg (BR)

14843 JMS M42 2230Z THU 052799 test - no tfc (BR)

14843 JMS M42 2230Z FRI 052899 5/1981 msgs (BR)

14843 Unid Saturday 6/12 UT 2100 CW ,3F prea then 5Fg at :14. At least 5Fgx2

14973 XPH Tue 06081999 0640 AM 149x3 1 03932 00131 5fgvm]

14973 XPH Tue 06151999 0640 AM High Pitched Polytone sd]

14973 XPH Tue 1999-06-22 640 AM High Pitched Polytone

14973 XPH Fri 1999-06-25 640 AM High Pitched Polytone

14980 FAPSI stn RTTY 500/75 "RAU RAU RAU 4646 " followed by "QRU SK" at 1310 on 12 May.

15050 E10 Tue 06011999 0809 USB YL?/EE rptg phonetic letters; rapid 5-tone sign-off

15061 E10 07.06.1999 00:57 AM female:english Msg:MIB2, MIB2[ds]

15390 V2 Thu 06171999 1500 AM heavy fading and interference [kmk]

15651 V5 //13452 0100Z WED 052699 (BR)

15651 E5 //17390 1200Z WED 052699 (BR)

15651 E5 //17390 1200Z THU 052799 (BR)

15651 E5 //17390 2200Z THU 052799 (BR)

15651 TCS/E5 //17390 2200 Thu 5/27/99 YL/EE rptg 259 Count 77 3/2FG. (JM4)

15651 TCS/E5 //17390 2300 Thu 5/27/99 YL/EE rptg 295 Count 70

3/2FG. (JM4)
 15651 TCS/V5 //13452 0100 Fri 5/28/99 YL/SS rptg 719 Grupo 217
 3/2FG. (JM4)
 15651 E5 1999-05-26 2300- AM YL/EE rptg 295 Count 70 3/2FG //17390
 (JM4)
 15651 E5 //17390 1999-05-25 2300- AM YL/EE rptg 295 Count 70 3/2FG
 (JM4)
 15651 V5 //13452 1999-05-26 0100- AM YL/SS rptg 719 Grupo 207
 3/2FG (JM4)
 15651 V5 Wed 06161999 0121 USB YL/SS rptg 3/2Fg in progress; much
 stronger than //13452, nb mode; ends "Fin" (GMH)
 15651 V5 Wed 1999-06-23 100 AM //13452 rptg 772 Grupo 113
 15651 V5 Fri 1999-06-25 100 AM //13452 rptg 772 Grupo 113
 15682 E03 Tue 06011999 1200 USB Lincolnshire Poacher. Id 62435
 //14487 (ab)
 15682 E-03 L.POACHER THU 06/10/99 13.04 64967 JAMMED + BC QRM[sg]
 15682 E3 Tue 1999-06-22 1200 USB 58779
 15682 E3 Fri 1999-06-25 1300 USB id 23290 02965 ...
 15682 E3 Sat 1999-06-26 1300 USB id 23290 02965 ...
 15682 E3 Thu 1999-06-24 1300 USB //14487//16084 weak
 15682 E3 Mon 1999-06-28 1200 USB //14487//16084 rptg 58779
 15682 E3 Mon 1999-06-28 1500 USB //13375 rptg 77682
 15732 E5 //13906 1200Z WED 052699 (BR)
 15803 E17 Sat 06121999 1400 AM Sked 379 DK 256 GC37 [sg]
 15822 E5 Tue 1999-06-22 17 USB 064
 15822 E5 Wed 1999-06-23 17 USB 064 WEAK SIGNAL
 15980 MOSSAD/E10 //13533 0100 Tue 6/1/99 YL/EE rptg EZI2 until :09
 then down. Note new choice of freqs 9130//11565 silent. (JM4)
 15980 E10 //10235.5 seems to have abandoned the use of 9130//11565
 at 0100. EZI is now using.(jm4)
 15980 E10 Tue 1999-06-22 1100 USB EZI (74)
 15980 E10 Fri 1999-06-25 1100 USB EZI too much noise to copy
 15980 E10 Sat 1999-06-26 1330 USB EZI2
 16059 M22 Sun 06131999 1800 CW 4XZ marker, into tfc[cs]
 16084 E03 L.POACHER THU 06/10/99 13.03 64967 JAMMED[sg]
 16084 E3 Tue 1999-06-22 1200 USB 58779
 16084 E3 Fri 1999-06-25 1300 USB id 23290 02965 ...
 16084 E3 Sat 1999-06-26 1300 USB id 23290 02965 ...
 16084 E3 Thu 1999-06-24 1300 USB //14487//15682 weak
 16084 E3 Mon 1999-06-28 1200 USB //14487//15682 rptg 58779
 16086 E05 T.C.S. THU 06/10/99 11.00 350 very poor [sg]
 16198 E5 //14577 1200Z WED 052699 (BR)
 16198 E5 Sat 06121999 1203 USB Id 169 count 215sg]
 16217 M42 Wed 1996-06-26 2000 RTTY FAPSI HZW link, no msg
 16217 M42 Sat 1997-02-22 2000 RTTY FAPSI HZW link w/ 4 msgs
 16218 HZW M42 2000Z FRI 052899 test - no tfc (BR)
 16218 HZW M42 2000Z MON 053199 test - no tfc (BR)
 16257 FAPSI RTTY 500/75 cct ID 90051. 0840 on 2 June.[jd]

16273 E5 Tue 1999-06-22 0017 USB 064 COUNT 109
 16273 E5 Wed 1999-06-23 0017 USB 064 COUNT 109 VERY WEAK
 16277.3 FAPSI 1554 rttty 75/500 5LG to Link 60069 (01/Jun)(RH2)
 16287 FAPSI RTTY 500/75.12, cct ID 20076, using 8.5-bit Baudot,
 0835 on 2 June.[jd]
 16295 E6 Tue 1999-06-22 1225 AM Pile Russian Man, ended with 00000
 16302 FAPSI 0930 RTTY 75/500 5LGs link 00079 02Jun99 (ML2)
 16343 E5 Sun 06131999 0021 USB ID 209 // 14425 [ld]
 16343 E5 Sun 06131999 2100 AM ID 209 // 14425 cs]
 16343 E5 Sun 06131999 2100 USB YL/EE rptg 209 x3 1234567890 count
 181? into 3/2Fg; repeat at :27 v
 16481.2 M42 Thu 1995-02-23 2230 RTTY Russian FAPSI JMS link
 16481.2 M42 Mon 1995-03-06 2230 RTTY Russian FAPSI JMS link w/ 5L msgs
 16481.2 M42 Wed 1995-04-05 2230 RTTY Russian FAPSI JMS link w/ 5L msgs
 16841 M42 Mon 1997-02-17 2230 RTTY FAPSI JMS link w/ 2 msgs
 16841.2 M42 Thu 1995-04-06 2230 RTTY FAPSI JMS link w/ 5L msgs
 16841.2 M42 Mon 1995-04-17 2230 RTTY FAPSI JMS link w/ 5L msgs
 16842 M42 Thu 1997-01-30 2230 RTTY FAPSI JMS link w/ msg
 16843 M42 Wed 1997-01-29 2230 RTTY FAPSI JMS link w/ 3 msgs
 16843 M42 Sat 1997-02-22 2230 RTTY FAPSI JMS link w/ 5 msgs
 16843 M42 Thu 1997-03-27 2230 RTTY FAPSI JMS link w/ 5L msg
 17050 M44 Mon 1999-06-21 2030 CW 4XZ w/ 5L grp msgts]
 17384 V2 Thu 1999-06-24 2300 AM rptg 958/05 and 05/56. New frequency.
 17390 E5 //5651 1200Z TUE 052599 (BR) (new)
 17390 E5 //16198 1200Z WED 052699 (BR)
 17390 E5 //15651 1200Z THU 052799 (BR)
 17390 E5 //15651 2200Z THU 052799 (BR)
 17390 TCS/E5 //15651 2300 Thu 5/27/99 YL/EE rptg 295 Count 70
 3/2FG. (JM4)
 17390 E5 //15651 1999-05-25 2300- AM YL/EE rptg 295 Count 70
 3/2FG (JM4)
 17390 E10 Thu 05271999 0402 AM YL/EE rptg EZI2
 17400 V2 Wed 05261999 2309 AM YL/SS rptg Atencion?8 08 into 5FGx1;
 2 finals at :13 then Atencion 1?? 04
 17400 E17 Thu 06031999 0204 AM YL/EE rptg 592 592 00000
 17409 E10 Tue 1999-06-22 930 USB EZI (43 SDAUE)
 17409 E10 Tue 1999-06-22 1100 USB EZI (74)
 17409 E10 Tue 1999-06-22 1130 EZI
 17410 E10 Fri 1999-06-25 930 USB EZI 43 SDAU
 17410 E10 Fri 1999-06-25 830 USB EZI 2 msgs: 36 GPMDJ 86 URBVC
 17410 E10 Fri 1999-06-25 930 USB EZI 43 SDAU
 17410 E10 Fri 1999-06-25 1100 USB EZI too much noise to copy
 17410 E10 Fri 1999-06-25 1230 USB EZI2
 17410 E10 Sat 1999-06-26 1330 USB EZI2
 17410 E10 Sat 1999-06-26 1530 USB EZI Too weak to copy
 17415 E10 Wed 1999-06-23 930 USB EZI 43 SDAU
 17416 KRN M42 1735Z FRI 052889 1/612 msg (BR)
 17416 KRN M42 1735Z MON 053199 test - no tfc (BR)

17434 Unid 062199 at 2040Z OM/SS repeating 544 544 544 1, then 5Fg
Signdown w/ 000 000.[ts]
17434 Unid Mon 1999-06-21 2040 USB OM/SS rptg 544 544 544 1, then
5F groups. signed down w/ 000 000ts]
17434 Unid 062199 2040Z OM/SS repeating 544 544 544 1,then 5Fg.
Signdown w/ 000 000.[ts]
17478.2 M42 Thu 1995-02-23 2220 RTTY Russian FAPSI YBU link
17478.2 M42 Mon 1995-04-17 2200 RTTY FAPSI YBU link w/ 5L msgs
17478.2 M42 Wed 1995-04-19 2210 RTTY FAPSI YBU link w/ 5L msg
17499 Cherry Ripe/E4 //22108 0000 Tue 6/1/99 YL/EE rptg 52238
5FGx2. (JM4)
17499 Cherry Ripe/E4 2200 Thu 5/27/99 YL/EE rptg 61931 5FGx2. (JM4)
17499 E4 1999-05-26 2300- USB YL/EE rptg 61931 5FGx2 //22108 (JM4)
17499 E4 //22108 1999-05-25 2300- USB YL/EE rptg 14127 5FGx2 (JM4)
17499 E4 //22108 1999-05-26 0000- USB YL/EE rptg 61931 5FGx2 (JM4)
17499 E4 Thu 06031999 0000 USB //22108 rptg 55313 (JM4)
17499 E4 Fri 06041999 0000 USB //22108 rptg 60921 (JM4)
17499 E4 Fri 03261999 0000 USB extremely weak (JM4)
17499 E4 Thu 03251999 0000 USB //22108 extremely weak (JM4)
17499 E04 C.RIPE THU 06/10/99 12.02 59705[sg]
17499 E04 C.RIPE THU 06/10/99 13.00 33437[sg]
17499 E04 C.RIPE FRI 06/11/99 12.01 33437 v
17499 E4 Sun 06131999 2300 USB // 22108 [cs]
17499 E4 Tue 06011999 0031 USB Cherry Ripe YL/EE in progress //
22108 [sd]
17499 E3a Mon 06141999 2207 USB Id 58422dar]
17499 E4 Tue 06151999 0017 USB Cherry Ripe YL/EE in progress //
22108sd]
17499 E4 Mon 1999-06-21 11 USB 97519 sg]
17499 E4 Mon 1999-06-21 13 USB 00517sg]
17499 E4 Tue 1999-06-22 1208 USBG
17499 E4 Tue 1999-06-22 10 USB 97519
17499 E4 Tue 1999-06-22 11 USB 51143 heavy QRM
17499 E4 Tue 1999-06-22 12 USB 00517
17499 E4 Tue 1999-06-22 13 USB 89507
17499 E4 Thu 1999-06-24 2300 USB id 97519 92487 ...
17499 E4 Fri 1999-06-25 1227 USB in progress
17499 E4 Fri 1999-06-25 1300 USB too much noise to copy
17499 E4 Tue 1999-06-22 2200 USB extremely weak
17499 E4 Tue 1999-06-22 2300 USB //22108 rptg 35774
17499 E4 Tue 1999-06-22 22 USB 13235
17499 E4 Wed 1999-06-23 11 USB 00517 heavy QRM
17499 E4 Thu 1999-06-24 0 USB //22108 rptg 97519
17499 E4 Thu 1999-06-24 2300 USB //22108 rptg 97519
17534 FAPSI 0910 RTTY 75/500 5LGs link 30088 preceded by 11144
29May99 (ML2)
18178 E10 07.06.1999 20:21 AM female english Msg:MIWB2, MIWB2 [ds]
18209.9 FAPSI 1607 rtty 100/500 5LG on Link 00149 (02/Jun) (RH2)

18247 FAPSI 0950 RTTY 75/500 5LGs link 10075 02Jun99 (ML2)
18305 V2 Sun 06201999 1100 Old format, final(s) at 1114. V2 is
certainly moving to the higher frequencies while keeping the
lower freqs, too... [cs]
18305 V2 Sun 1999-06-20 1100 AM cs] Old format
18410 FAPSI 0900 RTTY 75/500 5LGs link 40078 28May99 (ML2)
18481 M44 1999-05-26 1843-1855 CW 210 grp 5L msg (JM4)
19088 WNY M42 1800Z FRI 052899 test - no tfc (BR)
19088 WNY M42 1800Z MON 053199 test - no tfc (BR)
19415 FAPSI 1010 RTTY 75/500 5LGs link 50002 28May99 (ML2)
19714 E10 Tue 1999-06-22 0930 USB EZI (43 SDAUE)
19715 E10 Fri 1999-06-25 0930 USB EZI 43 SDAU
19715 E10 Fri 1999-06-25 0830 USB EZI 2 msgs: 36 GPMDJ 86 URBVC
19715 E10 Fri 1999-06-25 0930 USB EZI 43 SDAU
19715 E10 Wed 1999-06-23 0930 USB EZI 43 SDAU
19884 E4 Wed 06091999 0100 USB //21866 rptg 55313 (JM4)
19884 E4 Thu 06101999 0100 USB //21866 rptg 60921 (JM4)
19884 E4 Fri 06111999 0100 USB //21866 rptg 67312 (JM4)
19884 E4 Mon 03221999 0100 USB in progress (JM4)
19884 //21866 Cherry Ripe E4 0100 Mon 6/21/99 YL/EE rptg 35774 5FG
(JM4)
19884 E4 Mon 1999-06-21 100 USS //21866 rptg 35774 (JM4)
19884 E4 Fri 1999-06-25 101 USB Cherry Ripe YL/EE id 00517 /21866
20048 XM Sat 03271999 1630CW SLHFM C (JM4)
20138.2 M42 Thu 1995-04-06 2200 RTTY FAPSI YBU link w/ 5L msg
20140 M42 Thu 1997-01-30 2200 RTTY FAPSI YBU link, no msg
20140 M42 Thu 1997-03-27 2200 RTTY FAPSI YBU link w/ 2 5L msgs
20277 FAPSI 0630 RTTY 75/500 5LGs link 00098 05Jun99 (ML2)
20474 E4 Mon 1999-06-21 0010 USB 42464sg]
21540 E10 10.06.1999 14:02 UTC SSB male french Msg : JAPB4612I [ds]
21866 Cherry Ripe/E4 0100 Tue 6/1/99 YL/EE rptg 09423 5FGx2. (JM4)
21866 Cherry Ripe/E4 0100 Fri 5/28/99 YL/EE rptg 62047 5FGx2. (JM4)
21866 E4 1999-05-27 0100- USB YL/EE rptg 39858 5FGx2 (JM4)
21866 E4 Thu 06031999 0100 USB rptg 60921 (JM4)
21866 E4 Fri 06041999 0100 USB extremely weak (JM4)
21866 E4 Tue 06081999 0100 USB extremely weak (JM4)
21866 E4 Fri 03191999 0100 USB rptg 77458 (JM4)
21866 E4 Mon 06141999 0100 USB Very weak v
21866 E4 Tue 06151999 0100 USB Cherry Ripe YL/EE id 42464 //19884 sd]
21866 E4 Tue 06151999 0105 USB YL/EE rptg _2_6_; weak (GMH)
21866 E4 Wed 06161999 0100 USB YL/EE rptg 97519 (GMH)
21866 E4 Mon 06141999 0106 USB YL/EE repeating 5FG's. English
accent. Heard Cherry Ripe tune at signoff, 0143. L.A./USA (mv)
21866 E4 Mon 1999-06-21 0100 USB //19884 rptg 35774 (JM4)
21866 Cherry Ripe/E4 0100 Tue 6/22/99 YL/EE rptg 42464 5FGx2. (JM4)
21866 E10 Tue 1999-06-22 0100 USB rptg 42464
21866 E4 Wed 1999-06-23 0100 USB rptg 97519
21866 E4 Thu 1999-06-24 0100 USB rptg 51143

22108 Cherry Ripe/E4 //17499 0000 Tue 6/1/99 YL/EE rptg 52238 5FGx2 (JM4)
 22108 Cherry Ripe/E4 2300 Thu 5/27/99 YL/EE rptg 11900 5FGx2. (JM4)
 22108 Cherry Ripe/E4 0000 Fri 5/28/99 YL/EE rptg 39858 5FGx2. (JM4)
 22108 E4 999-05-27 0000- USB YL/EE rptg 11900 5FGx2 (JM4)
 22108 E4 //17499 1999-05-25 2300- USB YL/EE rptg 14127 5FGx2 (JM4)
 22108 E4 //17499 1999-05-26 0000- USB YL/EE rptg 61931 5FGx2 (JM4)
 22108 E4 Mon 03221999 0000 USB in progress (JM4)
 22108 E4 Fri 03191999 0000 USB rptg 68538 (JM4)
 22108 E04 C.RIPE THU 06/10/99 13.00 33437 [sg]
 22108 E4 Sun 06131999 2300 USB // 17499 [cs]
 22108 E4 Fri 06111999 0000 USB Tune-callup-tune, etc., into YL/EE 5FGx2; weak[sd]
 22108 E4 Mon 06141999 0000 USB Very weak[sd]
 22108 E4 Mon 06141999 2308 USB In progress; very weak (GMH)
 22108 E4 Tue 06151999 0000 USB Very weak (GMH)
 22108 E4 Tue 06151999 2304 USB YL/EE rptg 35774 into 99048 70632 24423...; prob rpt of Tue 0000 USB 22108 (GMH)
 22108 E4 Wed 06161999 0000 USB YL/EE rptg 42464 into 03760 23934 21588...; prob rpt of Tue 0000 USB 21866 (GMH)
 22108 E4 Mon 1999-06-21 0013 USB 00517 sg]
 22108 Cherry Ripe/E4 0000 Tue 6/22/99 YL/EE rptg 35774 5FGx2. (JM4)
 22108 E4 Tue 1999-06-22 0013 USB 89507
 22108 E4 Tue 1999-06-22 0000 USB rptg 35774
 22108 E4 Thu 1999-06-24 2300 USB id 97519 92487 ...
 22108 E4 Fri 1999-06-25 1300 USB too much noise to copy
 22108 E4 Tue 1999-06-22 2300 USB //17499 rptg 35774
 22108 E4 Wed 1999-06-23 0000 USB rptg 42464
 22108 E4 Thu 1999-06-24 0000 USB //17499 rptg 97519
 22108 E4 Thu 1999-06-24 2300 USB //17499 rptg 97519
 23461 E4 Thu 06101999 1003 USB Id 67312[d]
 23461 E4 Fri 03191999 1200 USB in progress (JM4)
 23461 E04 C.RIPE THU 06/10/99 10.00 67312 [sg]
 23461 E04 C.RIPE THU 06/10/99 11.02 97223 [sg]
 23461 E04 C.RIPE THU 06/10/99 12.00 59705 [sg]
 23461 E04 C.RIPE FRI 06/11/99 10.00 97223[sg]
 23461 E4 C.RIPE FRI 06/11/99 11.00 59705[sg]
 23461 E04 C.RIPE FRI 06/11/99 12.00 33437[sg]
 23461 E4 Mon 1999-06-21 0010 USB 42464sg]
 23461 E4 Mon 1999-06-21 0011 USB 97519 [sg]
 23461 E4 Mon 1999-06-21 0012 USB 51143? [sg]
 23461 E4 Tue 1999-06-22 0010 USB 97519
 23461 E4 Tue 1999-06-22 0011 USB 51143
 23461 E4 Tue 1999-06-22 0012 USB 00517
 23461 E4 Fri 1999-06-25 1100 USB id 58422
 23461 E4 Wed 1999-06-23 0010 USB 51143
 23461 E4 Wed 1999-06-23 0011 USB 00517
 23461 E4 Wed 1999-06-23 0012 USB 89507

27789 E10 10.06.1999 12:32 UTC AM female english Msg:UL...[ds]
28494 Unid 08.06.1999 16:02 AM female english Msg:PPAP.... [ds]

Due to some technical difficulties many logs do not include the name of the contributor. Sorry for that. The list of all who contributed logs to the Spooks and WUN lists, direct or via the on-line database, are mentioned hereafter. Thanks for the logs everyone!

Darren Danks [darren]	UK
Daniele Rossi [dr]	Toronto, Canada
Greg Hajek [gmh]	Chicago, USA
Black A [ba]	Italy
Tom Severt [ts]	Frantenac, KS, USA
Gareth [gareth]	London, UK
Chris Smolinsky [cs]	MD, USA
Mary Villano [mv]	LA, USA
K.M.Krebs [kmk]	Vancouver, Canada
Leif Dehio [ld]	Germany
Dime Schleimovich [ds]	Arad, Israel
Mark Slaten [ms]	MI, USA
John Maky [jm4]	Park, Ark. USA
Steve Gunn [sg]	UK
Larsen	
Darren [dar]	NW England, UK
Simon Denneen [sd]	Qld, Sydney, Australia
Ary Boender [ar]	Spijkenisse, Netherlands

Final End Vege Endee Konec Koniec Eind

-o-o-o-o-o-o-o-o-o-o-

The 'Numbers & Oddities' column a.k.a. 'Spooks Newsletter' comes to you courtesy of the Worldwide Utility News club. This newsletter may NOT be utilized, partly or wholly, in any other media format without the written permission of the editor (ary@luna.nl). Any breach of this may result in action under international copyright legislation.

To become a WUN member, send e-mail to the WUN listserver at: majordomo@qth.net and in the BODY of the message type: "subscribe wun" (without the quotation marks).

Check out the WUN web site at: <http://www.gem.net/~berri/wun>

-o-o-o-o-o-conet-o-o-o-o-